from the surface within 2.5 miles each side of the King Salmon VORTAC 312* radial . extending from the 5.2-mile radius of the King Salmon Airport to 12.5 miles northwest of the airport.

AAL AK CZ Kodiak, AK Kodiak Airport, AK (lat. 57°45'00"N, long. 152°29'38"W) Woody Island NDB (lat. 57°46'28"N, long. 152°19'24"W) Kodiak Localizer (lat. 57°45'08"N, long. 152°31'16"W)

That airspace extending upward from the surface to and including 2,900 feet MSL within a 3.1-mile radius of the Kodiak Airport, excluding that airspace west of a line 1.8 miles west of and parallel to the Kodiak

Airport Runway 18–36; and that airspace extending upward from the surface within 1.5 miles north and 2.5 miles south of the Woody Island NDB 253° bearing extending from the 3.1-mile radius of the Kodiak Airport to the Woody Island NDB and within 2.5 miles either side of the Woody Island NDB 073° bearing extending from the Woody Island NDB to 12.5 miles east of the Kodiak Airport.

AAL AK CZ Shemya, AK Shemya AFB Airport, AK (lat. 52°42'44"N, long. 174°06'49"E) Shemya VORTAC (lat. 52°43'06"N, long. 174°02'55"E)

That airspace extending upward from the surface to and including 2,600 feet MSL

within a 4.4 1-mile radius of the Shemya AFB Airport, within 1.6 miles each side of the 104" radial from the Shemya VORTAC extending from the 4.4-mile radius to 4.5 miles east of the airport and within 2.3 miles north and 1.3 miles south of the Shemya VORTAC 275" radial extending from the 4.4-mile radius to 5.2 miles west of the airport.

Issued in Washington DC, on October 7, 1992.

Harold W. Becker,

Manager, Airspace-Rules and Aeronautical Information Division.

[FR Doc. 92-24903 Filed 10-13-92; 8:45 am]



Wednesday October 14, 1992

Part IV

Environmental Protection Agency

40 CFR Part 300
National Priorities List for Uncontrolled Hazardous Waste Sites; Rule and Proposed Rule



ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 300

[FRL-4521-3]

National Priorities List for Uncontrolled Hazardous Waste Sites

AGENCY: Environmental Protection Agency.

ACTION: Final rule.

SUMMARY: The Comprehensive
Environmental Response,
Compensation, and Liability Act of 1980
("CERCLA" or "the Act"), as amended,
requires that the National Oil and
Hazardous Substances Pollution
Contingency Plan ("NCP") include a list
of national priorities among the known
releases or threatened releases of
hazardous substances, pollutants, or
contaminants throughout the United
States. The National Priorities List
("NPL") constitutes this list.

This rule adds 26 new sites to the General Superfund Section and 7 to the Federal Facilities Section of the NPL, and deletes 4 sites. The identification of a site for the NPL is intended primarily to guide the Environmental Protection Agency ("EPA" or "the Agency") in determining which sites warrant further investigation to assess the nature and extent of public health and environmental risks associated with the site and to determine what CERCLAfinanced remedial action(s), if any, may be appropriate. This action and a proposed rule published elsewhere in this Federal Register result in an NPL of 1,208 sites, 1,085 of them in the General Superfund Section and 123 of them in the Federal Facilities Section. An additional 28 sites are proposed, 25 in the General Superfund Section and 3 in the Federal Facilities Section. Final and proposed sites now total 1,236.

EFFECTIVE DATE: The effective date for this amendment to the NCP shall be November 13, 1992. CERCLA section 305 provides for a legislative veto of regulations promulgated under CERCLA Although INS v. Chadha, 462 U.S. 919, 103 S. Ct. 2764 (1983), cast the validity of the legislative veto into question, EPA has transmitted a copy of this regulation to the Secretary of the Senate and the Clerk of the House of Representatives. If any action by Congress calls the effective date of this regulation into question, the Agency will publish a notice of clarification in the Federal Register.

ADDRESSES: For addresses for the Headquarters and Regional dockets, as well as further details on what these dockets contain, see "Information Available to the Public" in Section I of the "SUPPLEMENTARY INFORMATION" portion of this preamble.

FOR FURTHER INFORMATION CONTACT:
Martha Otto, Hazardous Site Evaluation
Division, Office of Emergency and
Remedial Response (OS-5204G), U.S.
Environmental Protection Agency, 401 M
Street SW., Washington, DC 20460, or
the Superfund Hotline, phone (800) 4249346 or (703) 920-9810 in the
Washington, DC, metropolitan area.

SUPPLEMENTARY INFORMATION:

I. Introduction
II. Purpose and Implementation of the NPL
III. Contents of This Final Rule
IV. Regulatory Impact Analysis
V. Regulatory Flexibility Act Analysis

I. Introduction

Background

In 1980, Congress enacted the Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. 9601-9675 ("CERCLA" or "the Act"), in response to the dangers of uncontrolled hazardous waste sites. CERCLA was amended on October 17. 1986, by the Superfund Amendments and Reauthorization Act ("SARA"). Public Law No. 99-499, stat. 1613 et seq. To implement CERCLA, EPA promulgated the revised National Oil and Hazardous Substances Pollution Contingency Plan ("NCP"), 40 CFR Part 300, on July 16, 1982 (47 FR 31180), pursuant to CERCLA section 105 and Executive Order 12316 (46 FR 42237, August 20, 1981). The NCP sets forth the guidelines and procedures needed to respond under CERCLA to releases and threatened releases of hazardous substances, pollutants, or contaminants. EPA has revised the NCP on several occasions, most recently on March 8, 1990 (55 FR 8666).

Section 105(a)(B)(A) of CERCLA requires that the NCP include "criteria for determining priorities among releases or threatened releases throughout the United States for the purpose of taking remedial action." As defined in CERCLA section 101(24), remedial actions tends to be long-term in nature and involves response actions that are consistent with a permanent remedy for a release.

Mechanisms for determining priorities for possible remedial actions financed by the Trust Fund established under CERCLA (commonly referred to as the "Superfund") are included in the NCP at 40 CFR 300.425(c) (55 FR 8845, March 8, 1990). Under 40 CFR 300.425(c)(1), a site may be included on the NPL if its scores sufficiently high on the Hazard Ranking System ("HRS"), which EPA

promulgated as Appendix A of 40 CFR Part 300. On December 14, 1990 (55 FR 51532), EPA promulgated revisions to the HRS partly in response to CERCLA section 105(c), added by SARA. The revised HRS evaluates four pathways: ground water, surface water, soil exposure, and air. The HRS serves as a screening device to evaluate the relative potential of uncontrolled hazardous substances to pose a threat to human health or the environment. Those sites that score 28.50 or greater on the HRS are eligible for the NPL.

Under a second mechanism for adding sites to the NPL, each State may designate a single site as its top priority, regardless of the HRS score. This mechanism, provided by the NCP at 40 CFR 300.425(c)(2), requires that, to the extent practicable, the NPL include within the 100 highest priorities, one facility designated by each State representing the greatest danger to public health, welfare, or the environment among known facilities in the State.

The third mechanism for listing, included in the NCP at 40 CFR 300.425(c)(3), allows certain sites to be listed whether or not they score above 28.50, if all of the following conditions are met:

- The Agency for Toxic Substances and Disease Registry (ATSDR) of the U.S. Public Health Service has issued a health advisory that recommends dissociation of individuals from the release.
- EPA determines that the release poses a significant threat to public health.
- EPA anticipates that it will be more cost-effective to use its remedial authority (available only at NPL sites) than to use its removal authority to respond to the release.

Based on these criteria, and pursuant to section 105(a)(8)(B) of CERCLA, as amended by SARA, EPA has promulgated a list of national priorities among the known or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States. That list, which is Appendix B of 40 CFR Part 300, is the National Priorities List ("NPL"). CERCLA section 105(a)(8)(B) defines the NPL as a list of "releases" and as a list of the highest priority "facilities." The discussion below may refer to the "releases or threatened releases" that are included on the NPL interchangeably as "releases," "facilities," or "sites." CERCLA section 105(a)(8)(B) also requires that the NPL be revised at least annually. A site may undergo CERCLAfinanced remedial action only after it is

placed on the NPL, as provided in the NCP at 40 CFR 300.425(b)(1).

EPA promulgated an original NPL of 406 sites on September 8, 1983 (48 FR 40658). The NPL has been expanded since then, most recently on September

25, 1991 (56 FR 48438).

The NPL includes two sections, one of sites evaluated and cleaned up by EPA (the "General Superfund Section"), and one of sites being addressed by other Federal agencies (the "Federal Facilities Section"). Under Executive Order 12580 and CERCLA section 120, each Federal agency is responsible for carrying out most response actions at facilities under it own jurisdiction, custody, or control. although EPA is responsible for preparing an HRS score and determining whether the facility is placed on the NPL. EPA is not the lead agency at these sites, and its role at such sites is accordingly less extensive that at other sites. The Federal Facilities Section includes those facilities at which EPA is not the lead agency.

This final rule adds 26 sites to the General Superfund Section, for a total of 1.085 sites, and 7 sites to the Federal Facilities Section, for a total of 123 Federal facility sites. Therefore, there are now 1,208 sites on the NPL. An additional 28 sites have been proposed, 25 in the General Superfund Section and 3 in the Federal Facilities Section, and are awaiting final Agency action. Final and proposed sites now total 1,236.

The NPL no longer includes four sites for which the listing was vacated by a court order or voluntary removal:

Kent County Landfill (Houston), Houston, DE Anne Arundel County Landfill, Glen Burnie,

Salford Quarry, Salford Township, PA Murray-Ohio Manufacturing Co. (Horseshoe Bend Dump), Lawrenceburg, TN

Deletions/Cleanups

EPA is developing the NPL completions list to better show the successful completion of Superfund response action at present or former NPL sites and enhance public understanding of the status of cleanup progress at sites. Sites are organized into three categories: Construction completion, site completion, and NPL deletion. A site will move over time from completion of physical construction (construction completion) to achievement of remedial action objectives specified in the Record of Decision or ROD (site completion) to deletion (being formally removed from the NPL). Thus, the NPL completions list provides a "snapshot" of site cleanup status that will need to be periodically updated to reflect newly categorized sites, and sites moving from one

category to the next. More details on the completions list will be published shortly in the Federal Register

EPA deletes sites from the NPL where no further response is appropriate, as explained in the NCP at 40 CFR 300.425(e) (55 FR 8845, March 8, 1990). To date, the Agency has deleted 44 sites from the General Superfund Section of the NPL, including the following 4 sites: Big River Sand Co., Wichita, KS; Pagano Salvage, Los Lunas, NM; BEC Trucking, Town of Vestal, NY: Westline site, Westline, PA. EPA, in consultation with the States of Kansas, New Mexico, New York, and the Commonwealth of Pennsylvania, has determined that no further response is appropriate at these sites. EPA and the respective States have also concluded that remedial actions conducted at the sites to date remain protective of the public health. welfare, and the environment. All four States have concurred on the deletion of the sites from the NPL

In making a determination to delete a release from the NPL, EPA considers in consultation with the State whether any of the following criteria has been met: (1) Responsible parties or other persons have implemented all appropriate response actions requires; (2) all appropriate Fund-financed response under CERCLA has been implemented. and no further response action by responsible parties is appropriate; or (3) the remedial investigation has shown that the release poses no significant threat to public health or the environment and, therefore, taking of remedial measures is not appropriate. See section 300.425(e)(1) of the NCP. Prior to deletion, notice of the proposed deletion is published and an opportunity for comment has been provided for all these sites. Any sites deleted from the NPL remain eligible for Fund-financed remedial action in the event that conditions are later found to warrant such action. Section 300.425(e)(3) of the NCP provides that whenever there is a significant release from a site deleted from the NPL, the site shall be restored to the NPL without application of the HRS. Deletion does not affect responsible party liability or impede Agency efforts to recover costs associated with response efforts. Specific information about the sites follows.

Big River Sand Co., Wichita, Kansas

EPA published a Notice of Intent to Delete the site on July 9, 1992 (57 FR 30452). EPA also published a notification in the principal local newspaper on July 5, 1992. The closing date for comments was August 10, 1992. EPA received no comments on the merits of the deletion

of the site from the NPL, and one procedural comment. After reviewing these comments, EPA has concluded that deletion of the site at this time is appropriate. EPA provided a detailed response to the comment in a responsiveness summary which is contained in the Deletion Docket. Entries in the Deletion Docket may be reviewed at the U.S. EPA Region VII Waste Management Division Records Center, 726 Minnesota Avenue, Kansas City, Kansas, and at the Sedgwick County Public Library, Main Branch, 223 S. Main Street, Wichita, Kansas. For further information contact Diane Brewer, Environmental Protection Specialist, U.S. EPA, Region VII, 726 Minnesota Avenue, Kansas City, Kansas 66212, telephone (913) 551-7811.

Pagano Salvage, Los Lunas, New Mexico

EPA published a Notice of Intent to Delete the site on June 29, 1992 (57 FR 28817). EPA also published a notification in a local newspaper on June 28, 1992 regarding the proposed deletion. The closing date for comments was July 28. 1992. EPA received several comments regarding the deletion. After reviewing these comments, EPA has concluded that deletion of the site at this time is appropriate. EPA provided detailed responses to these comments in a responsiveness summary which is contained in the Deletion Docket. Entries in the Deletion Docket may be reviewed at the U.S. EPA Region VI office, 1445 Ross Avenue, 12th Floor suite 1200, Dallas, Texas and at the New Mexico Environmental Department in Santa Fe, New Mexico. For further information contact Carlos Sanchez. Remedial Project Manager, U.S. EPA, Region VI (6H-SA), 1445 Ross Avenue, Dallas, Texas 75202-2733, telephone (214) 655-8507.

BEC (Binghamton Equipment Co.) Trucking, Town of Vestal, New York.

EPA published a Notice of Intent to Delete the site on August 24, 1992 (57 FR 38289). EPA also published a notification in one local newspaper on August 19. 1992 regarding the proposed deletion. The closing date for comments was September 18, 1992. EPA received four comments.

One commenter expressed concern about a potential threat to the Town's water supply wells, and suggested that deleting the site from the NPL at this time is premature. Based upon the results of extensive investigations, EPA, in consultation with the State of New York, determined that the site does not pose a significant threat to human

health or the environment. Therefore, taking additional remedial measures is

not appropriate.

The other three commenters indicated that the site should not be deleted since they believe that it should continue to be monitored. Deletion of the site from the NPL does not preclude continued monitoring at the site. In fact, the ROD provides for a continued monitoring program to verify that the remedy continues to be protective of human health and the environment.

After reviewing these comments, EPA has concluded that deletion of the site at this time is appropriate. EPA provided detailed responses to these comments in a responsiveness summary which is contained in the Deletion Docket. Entries in the Deletion Docket may be reviewed at the U.S. EPA Region II office in New York; at the Vestal Town Hall, 605 Vestal Parkway West, Vestal, New York; and the Vestal Public Library, 320 Vestal Parkway East, Vestal, New York. For further information contact Arnold Bernas, Remedial Project Manger, Superfund Branch, U.S. EPA Region II (2 ERRD-NYCS1), 26 Federal Plaza, Room 29-30, New York, New York, telephone (212) 264-7612.

Westline Site, Westline, Pennsylvania

EPA published a Notice of Intent to Delete the site on December 17, 1991 (56 FR 65462). EPA also published a notification in three local newspapers on December 9, 1991 regarding the proposed deletion. The closing date for comments was January 16, 1992. EPA received one comment, which was in favor of deleting the site. After reviewing the comment, EPA has concluded that deletion of the site at this time is appropriate. Entries in the Deletion Docket may be reviewed at the U.S. EPA Region III office in Philadelphia, Pennsylvania; the McKean County Courthouse in Smethport, Pennsylvania; the Bradford Area Public Library in Bradford, Pennsylvania; and the Westline Firehall in Westline, Pennsylvania. For further information contact Roy Schrock, Remedial Project Manager, Superfund Branch, U.S. EPA. Region III (3HW22), 841 Chestnut St., Philadelphia, Pennsylvania 19107, telephone (215) 597-0913.

In addition to the 44 sites that have been deleted from the NPL, 105 sites are in the construction or site completion categories, all but one from the General Superfund Section. Thus, as of September 30, 1992, a total of 149 NPL sites have been cleaned up.

Cleanups at sites on the NPL do not reflect the total picture of Superfund accomplishments. As of August 31, 1992, EPA has conducted 2,349 removal actions, 557 of them at NPL sites. The removal actions taken will either stabilize or completely clean up the site. Information on removals is available from the Superfund hotline.

Information Available to the Public

The Headquarters and Regional public dockets for the NPL contain documents relating to the evaluation and scoring of sites in this final rule. The dockets are available for viewing, by appointment only, after the appearance of this notice. The hours of operation for the Headquarters docket are from 9:00 a.m. to 4:00 p.m., Monday through Friday, excluding Federal holidays. Please contact individual Regional Dockets for hours.

Addresses for the Headquarters and Regional dockets follow.

Docket Coordinator, Headquarters, U.S. EPA CERCLA Docket Office, OS-245, Waterside Mall, 401 M Street, SW, Washington, DC 20460, 202/260-3046

Evo Cunha, Region 1, U.S. EPA Waste Management Records Center, HES-CAN 6, J.F. Kennedy Federal Building, Boston, MA 02203-2211, 617/573-5729

Ben Conetta, Region 2, 26 Federal Plaza, 7th Floor, Room 740, New York, NY 10278, 212/ 264-6696

Diane McCreary, Region 3, U.S. EPA Library, 3rd Floor, 841 Chestnut Building, 9th & Chestnut Streets, Philadelphia, PA 19107, 215/597-7904

Beverly Fulwood, Region 4, U.S. EPA Library, Room G-6, 345 Courtland Street, NE, Atlanta, GA 30365, 404/347-4216

Cathy Freeman, Region 5, U.S. EPA, Records Center, Waste Management Division 7-J, Metcalfe Federal Building, 77 West Jackson Blvd., Chicago, IL 60604, 312/886-6214

Bart Canellas, Region 6, U.S. EPA, 1445 Ross Avenue, Mail Code 6H-MA, Dallas, TX 75202-2733, 214/655-6740

Steven Wyman, Region 7, U.S. EPA Library, 726 Minnesota Avenue, Kansas City, KS 66101, 913/551–7241

Greg Oberley, Region 8, U.S. EPA, 999 18th Street, Suite 500, Denver, CO 80202-2466, 303/294-7598

Lisa Nelson, Region 9, U.S. EPA, 75 Hawthorne Street, San Francisco, CA 94105, 415/744-2347

David Bennett, Region 10, U.S. EPA, 11th Floor, 1200 6th Avenue, Mail Stop HW-114, Seattle, WA 98101, 206/553-2103

The Headquarters docket for this rule contains HRS score sheets for each final site; a Documentation Record for each site describing the information used to compute the score; pertinent information for any site affected by statutory requirements or EPA listing policies; a list of documents referenced in the Documentation Record; comments received; and the Agency's response to those comments. The Agency's responses are contained in the "Support Document for the Revised National

Priorities List Final Rule-October 1992." Each Regional docket for this rule contains all information in the Headquarters docket for sites in that Region, plus the actual reference documents containing the data principally relied upon by EPA in calculating or evaluating the HRS scores for sites in that Region. These reference documents are available only in the Regional dockets. The Headquarters docket and the Region 3 docket also contain documents relating to the decision to add the Austin Avenue Radiation Site in Delaware County, PA. to the NPL. Both dockets contain the public health advisory issued by ATSDR and EPA memoranda supporting the findings that the release poses a significant threat to public health and that it would be more cost-effective to use remedial rather than removal authorities at the site.

Interested parties may view documents, by appointment only, in the Headquarters or appropriate Regional Docket or copies may be requested from the Headquarters or appropriate Regional Docket. An information written request, rather than a formal request under the Freedom of Information Act, should be the ordinary procedure for obtaining copies of any of these documents.

II. Purpose and Implementation of the NPL

Purpose

The legislative history of CERCLA (Report of the Committee on Environment and Public Works, Senate Report No. 96–848, 96th Cong., 2d Sess. 60 (1980)) states the primary purpose of the NPL:

The priority lists serve primarily informational purposes, identifying for the States and the public those facilities and sites or other releases which appear to warrant remedial actions. Inclusion of a facility or site on the list does not in itself reflect a judgment of the activities of its owner or operator, it does not require those persons to undertake any action, nor does it assign liability to any person. Subsequent government action in the form of remedial actions or enforcement actions will be necessary in order to do so, and these actions w.ll be attended by all appropriate procedural safeguards.

The purpose of the NPL, therefore, is primarily to service as an information and management tool. The identification of a site for the NPL is intended primarily to guide EPA in determining which sites warrant further investigation to assess the nature and extent of the public health and environmental risks associated with the site and to determine what CERCLA-financed

remedial action(s), if any, may be appropriate. The NPL also serves to notify the public of sites that EPA believes warrant further investigation. Finally, listing a site may, to the extent potentially responsible parties are identifiable at the time of listing, serve as notice to such parties that the Agency may initiate CERCLA-financed remedial action.

Implementation

After initial discovery of a site at which a release or threatened release may exist, EPA begins a series of increasingly complex evaluations. The first step, the Preliminary Assessment (PA), is a low-cost review of existing information to determine if the site poses a threat to the public health or the environment. If the site presents a serious imminent threat, EPA may take immediate removal action. If the PA shows that the site presents a threat but not an imminent threat, EPA generally will perform a more extensive study called the Site Inspection (SI). The SI involves collecting additional information to better understand the extent of the problem at the site, screen out sites that will not qualify for the NPL, and obtain data necessary to calculate an HRS score for sites that warrant placement on the NPL and further study. To date EPA has completed approximately 33,000 PAs

and approximately 16,000 SIs. The NCP at 40 CFR 300.425(b)(1) (55 FR 8845, March 8, 1990) limits expenditure of the Trust Fund for remedial actions to sites on the NPL. However, EPA may take enforcement actions under CERCLA or other applicable statutes against responsible parties regardless of whether the site is on the NPL; although, as a practical matter, the focus of EPA's CERCLA enforcement actions has been and will continue to be on NPL sites. Similarly, in the case of CERCLA removal actions, EPA has the authority to act at any site, whether listed or not, that meets the criteria of the NCP at 40 CFR 300.415(b)(2) (55 FR 8842, March 8, 1990). EPA's policy is to pursue cleanup of NPL sites using all the appropriate response and/or enforcement actions available to the Agency, including authorities other than CERCLA. The Agency will decide on a site-by-site basis whether to take enforcement or other action under CERCLA or other authorities prior to undertaking response action, to proceed directly with Trust Fund-financed response actions and seek to recover response costs after cleanup, or do both. To the extent feasible, once sites are on the NPL, EPA will determine highpriority candidates for CERCLA-

financed response action and/or enforcement action through both State and Federal initiatives. EPA will take into account which approach is more likely to accomplish cleanup of the site most expeditiously while using CERCLA's limited resources as efficiently as possible.

Although it is a factor that is considered, the ranking of sites by HRS scores does not by itself determine the sequence in which EPA funds remedial response actions, since the information collected to develop HRS scores is not sufficient to determine either the extent of contamination or the appropriate response for a particular site. (40 CFR 300.425(a)(2), 55 FR 8845). Additionally, resource constraints may preclude EPA from evaluating all HRS pathways; only those presenting significant environmental risk and sufficient to make a site eligible for the NPL may be evaluated. Moreover, the sites with the highest scores do not necessarily come to the Agency's attention first, so that addressing sites strictly on the basis of ranking would in some cases require stopping work at sites where it already was underway. In addition, certain sites, such as the Austin Avenue Radiation Site, are based on other criteria. More detailed studies of a site are undertaken in the Remedial Investigation/ Feasibility Study ("RI/FS") that typically follows listing. The purpose of the RI/FS is to assess site conditions and evaluate alternatives to the extent necessary to select a remedy (40 CFR 300.430(a)(2)) (55 FR 8846, March 8. 1990). It takes into account the amount of contaminants released into the environment, the risk to affected populations and environment, the cost to remediate contamination at the site. and the response actions that have been taken by potentially responsible parties or others. Decisions on the type and extent of response action to be taken at these sites are made in accordance with 40 CFR 300.415 (55 FR 8842, March 8, 1990) and 40 CFR 300.430 (55 FR 8846, March 8, 1990). After conducting these additional studies, EPA may conclude that initiating a CERCLA remedial action using the Trust Fund at some sites on the NPL is not appropriate because of more pressing needs at other sites, or because a private party cleanup already is underway pursuant to an enforcement action. Given the limited resources available in the Trust Fund, the Agency must carefully balance the relative needs for response at the numerous sites it has studied. It is also possible that EPA will conclude after further analysis that the site does not warrant remedial action.

RI/FS at Proposed Sites

An RI/FS may be performed at sites proposed in the Federal Register for placement on the NPL (or even sites that have not been proposed for placement on the NPL) pursuant to the Agency's removal authority under CERCLA, as outlined in the NCP at 40 CFR 300.415. Although an RI/FS generally is conducted at a site after it has been placed on the NPL, in a number of circumstances the Agency elects to conduct an RI/FS at a site proposed for placement on the NPL in preparation for a possible Trust Fund-financed response action, such as when the Agency believes that a delay may create unnecessary risks to public health or the environment. In addition, the Agency may conduct an RI/FS to assist in determining whether to conduct a removal or enforcement action at a site.

Facility (Site) Boundaries

The purpose of the NPL is merely to identify releases or threatened releases of hazardous substances that are priorities for further evaluation. The Agency believes that it would be neither feasible nor consistent with this limited purpose for the NPL to attempt to describe releases in precise geographical terms. The term "facility" is broadly defined in CERCLA to include any area where a hazardous substance has "come to be located" (CERCLA section 101(9)), and the listing process is not intended to define or reflect boundaries of such facilities or releases. Site names are provided for general identification purposes only. Knowledge of the geographic extent of sites will be refined as more information is developed during the RI/FS and even during implementation of the remedy.

Because the NPL does not assign liability nor define the geographic extent of a release, a listing need not be amended if further research into the contamination at a site reveals new information as to its extent. This is further explained in preambles to past NPL rules, most recently February 11, 1991 (56 FR 5598).

II. Contents of This Final Rule

This final rule adds 26 sites to the General Superfund Section of the NPL (Table 1) and 7 sites to the Federal Facilities Section (Table 2). Proposal #11 (56 FR 35840, July 29, 1991) provided 15 of the sites; all are being added to the NPL based on HRS scores of 28.50 or greater. Proposal #12 (57 FR 4824, February 7, 1992) provided 18 sites; all but one are being added to the NPL based on HRS scores of 28.50 or greater The Austin Avenue Radiation Site is

being added to the NPL on the basis of 40 CFR 300.425(c)(3) (55 FR 8845, March 8, 1990). A description of the site and EPA's basis for listing it were included when the site was proposed. As discussed more fully below, Table 1 presents the sites in this rule arranged alphabetically by State and identifies their rank by group number. Group numbers are determined by arranging

the NPL by rank and dividing it into groups of 50 sites. For example, a site in Group 4 has a score that falls within the range of scores covered by the fourth group of 50 sites on the NPL.

NATIONAL PRIORITIES LIST FINAL RULE—GENERAL SUPERFUND SECTION

State	Site name	Location	Group
AR ARA CA FLIKSY A MELINY OR A A PA	Popile, Inc South 8th Street Landfill (once listed as West Memphis Landfill) McCormick & Baxter Creosoting Co. Ralph Gray Trucking Co. (once listed as Westminster Tract #2633) Helena Chemical Co. (Tampa Plant). Ottawa Radiation Areas. 57th and North Broadway Streets Site National Electric Coil Co./Cooper Industries American Creosote Works, Inc. (Winnfield Plant). Big River Mine Tailings/St. Joe Minerals Corp Cleburn Street Well Sherwood Medical Co. New Hampshire Plating Co. Li Tungsten Corp Northwest Pipe & Casing Co. Austin Avenue Radiation Site. Crater Resources, Inc./Keystone Coke Co./Alan Wood Steel Co. Crossley Farm	West Memphis Stockton Westminster Tampa Ottawa Wichita Heights Dayhoit. Winnfield Desloge Grand Island Norfolk Merrimack Glen Cove Clackamas. Delaware County Upper Merion Township	4

*Based on issuance of health advisory by the Agency for Toxic Substances and Disease Registry (if scored, HRS score need not be >28.50)

State	Site name	Location	Group
PA	Foote Mineral Co	East White- land Town- ship.	5
PA	Metropolitan Mirror and Glass Co Inc.	Frackville.	15
PA	Rodale Manufacturing Co., Inc.	Bor- ough.	5
RI	West Kingston Town Dump/URI Disposal Area.	South King- stown.	-5
UT	Petrochem Recycling Corp / Ekotek, Inc.	Salt Lake City.	1
WA	Moses Lake Wellfield Contamination.	Moses Lake.	
WA	Vancouver Water Station #4 Contamination.	Vancou- ver.	
WI	Refuse Hideaway Landfill	Middle- ton.	1.5

Number of Sites Listed: 28.

NATIONAL PRIORITIES LIST FINAL RULE— FEDERAL FACILITIES SECTION

State	Site name	Location	Group
CA	Jet Propulsion Laboratory (NASA).	Pasade- na.	5
GU	Andersen Air Force Base.	Yigo	5
н	Pearl Harbor Naval Complex.	Peari Harbor.	1
TN	Memphis Defense Depot.	Memphis	2
VA	Naval Surface Warfare Center— Dahigren.	Dahigren	5

NATIONAL PRIORITIES LIST FINAL RULE— FEDERAL FACILITIES SECTION—Continued

State	Site name	Location	Group
VA	Naval Weapons Station— Yorktown	Yorktown.	5
WA	Hamilton Island Landfill (USA/ COE).	North Bonne- ville.	4

Number of Sites Listed: 7.

Public Comments

EPA reviewed all comments received on sites included in this rule. The formal comment period ended March 9, 1992 for the Austin Avenue Radiation site, April 7, 1992 for all other sites included from Proposal 12, and September 27, 1991 for all sites included from Proposal 11.

Based on the comments received on the proposed sites, as well as investigation by EPA and the States (generally in response to comment), EPA recalculated the HRS scores for individual sites where appropriate. EPA's response to site-specific public comments and explanations of any score changes made as a result of such comments are addressed in the "Support Document for the Revised National Priorities List Final Rule—October 1992." For 20 of the sites, including the Austin Avenue Radiation site, EPA received no comments.

NPL Format

Since promulgation of the original NPL (Appendix B of 40 CFR Part 300) on

September 8, 1983 (48 FR 40660), EPA has arranged the NPL by rank based on HRS scores. Sites in the General Superfund Section of the NPL were presented in groups of 50 (with their rank) to emphasize that minor differences in scores do not necessarily represent significantly different levels of risk. Sites on the Federal Facilities Section were presented by group number. In addition, each preamble for a proposed rule provided the group number for each proposed site.

On July 29, 1991 (56 FR 35843), EPA proposed to change the NPL format and list sites alphabetically by State and by site name within each State. EPA proposed this change because the growth of the NPL has made it increasingly difficult for users to find individual sites. Almost all public requests about the NPL ask if a particular site in a particular State is on the NPL, or ask for all sites in specific States, rather than ranks or scores for individual sites. In addition, the increase in the size of the NPL has meant that different groups of 50 may no longer represent significantly different scores.

EPA received seven comments supporting the change in format and no negative comments. The comments supported EPA's view that information by State is most helpful and questions of rank are infrequent.

As a result of the support received for EPA's proposed format change, and lack of negative comments, EPA will present Appendix B alphabetically by State beginning with the NPL following this preamble.

EPA recognizes that some requests are for rankings. On July 29, 1991 (56 FR 35843), EPA also requested comment on whether each preamble should continue to include a ranking for sites in that particular rule, and if so, what form that ranking should take. One commenter suggested that sites be ranked by thirds based on score; another suggested the sites be listed alphabetically and be accompanied by HRS scores. No other comments addressed this issue. In response, because of these concerns that some form of ranking sites be maintained, the preamble of each rule will list proposed or final sites alphabetically by State and also identify the group number for each site. EPA believes this is a reasonable compromise between the need to make the NPL more useful, and the need to retain some indication of site rank.

EPA will continue to provide lists of all NPL sites ranked by HRS scores upon request to the Superfund Hotline, Phone (800) 424-9346 or (703) 920-9810 in the Washington, DC, metropolitan area. Requestors should note that EPA generally is able to respond more quickly to an informal request than to a formal request under the Freedom of Information Act.

Costs

One commenter questioned the cost estimates presented in the Regulatory Impact Analysis (RIA) section of the preamble to the July 29, 1991, proposed rule (56 FR 35845). The commenter stated that the values were substantially different from values in a similar table published on August 30, 1990 (55 FR 35511). The commenter also suggested that the Agency's cost estimate for operation and maintenance (O & M) of the cleanup remedy should be adjusted to account for inflation.

In response, the Agency inadvertently used an outdated table of cost estimates in the RIA section in the July 29, 1991, proposed rule. The following table shows the correct values:

Cost category	Average total cost per site 1	
RI/FS	1,300,000	
Remedial Design	1,500,000	
ricinioulai Activit	2 25,000,000	
Net present value of O&M 3	2 3,770,000	

^{1 1988} U.S. Dollars.

* Includes State cost-share.

* Includes State cost-share.

* Assumes cost of O&M over 30 years, \$400,000 for the first year and 10% discount rate.

* Source: Office of Program Management, Office of Emergency and Remedial Response, U.S. EPA, Washington DC

In response to the suggestion that the Agency account for inflation in cost estimates for O&M of cleanup remedies, the numbers do not account for inflation. The Agency uses current cost estimates because it cannot predict future inflation levels.

Statutory Requirements

CERCLA section 105(a)(8)(B) directs EPA to list priority sites "among" the known releases or threatened releases of hazardous substances, pollutants, or contaminants, and section 105(a)(8)(A) directs EPA to consider certain enumerated and "other appropriate" factors in doing so. Thus, as a matter of policy, EPA has the discretion not to use CERCLA to respond to certain types of releases. Where other authorities exist, placing sites on the NPL for possible remedial action under CERCLA may not be appropriate. Therefore, EPA has chosen not to place certain types of sites on the NPL even though CERCLA does not exclude such action. If, however, the Agency later determines that sites not listed as a matter of policy are not being properly responded to, the Agency may place them on the NPL.

The listing policies and statutory requirements of relevance to this final rule cover sites subject to the Resource Conservation and Recovery Act (RCRA) (42 U.S.C. 6901-6991i) and Federal facility sites. These policies and requirements are explained below and have been explained in greater detail in previous rulemakings.

Releases From Resource Conservation and Recovery Act (RCRA) Sites

EPA's policy is that sites in the General Superfund Section subject to RCRA Subtitle C corrective action authorities will not, in general, be placed on the NPL. However, EPA will list certain categories of RCRA sites subject to Subtitle C corrective action authorities, as well as other sites subject to those authorities, if the Agency concludes that doing so best furthers the aims of the NPL/RCRA policy and the CERCLA program. EPA has explained this policy in detail in the past (51 FR 21054, June 10, 1986; 53 FR 23978, June 24, 1988; 54 FR 41000, October 4, 1989; 56 FR 5602, February 11, 1991).

Consistent with EPA's NPL/RCRA policy. EPA is adding three sites to the NPL, McCormick & Baxter Creosoting Co. in Stockton, CA, New Hampshire Plating Co. in Merrimack, NH, and Petrochem Recycling Corp./Ekotek, Inc. in Salt Lake City, UT, that are subject to RCRA Subtitle C corrective action authorities. Material has been placed in the public docket for the Petrochem Recycling Corp./Ekotek, Inc. site and the

McCormick & Baxter Creosoting Co. site confirming that the owners are in bankruptcy and unable to pay for cleanup. Regarding the New Hampshire Plating Co. site, even though the owner has not formally invoked the bankruptcy laws, available documentation indicates that the company assets cannot cover a current State lien on the property for response action, much less address any new expenses that would be incurred in financing corrective action. A more detailed discussion of this issue as well as supporting documentation is available in the public docket for this site.

Releases From Federal Facility Sites

On March 13, 1989 (54 FR 10520), the Agency announced a policy for placing Federal facility sites on the NPL that meet the eligibility criteria (e.g., an HRS score of 28.50 or greater), even if the Federal facility also is subject to the corrective action authorities of RCRA Subtitle C. In that way, those sites may be cleaned up under CERCLA, if appropriate.

This rule adds seven sites to the Federal Facilities Section of the NPL.

Name Revision

The names of two sites addressed in this final rule have been changed based upon additional information obtained since the sites were proposed. The site proposed as "Westminster Tract #2633 in Westminster, CA, has been changed to Ralph Gray Trucking Co. The site proposed as the West Memphis Landfill in West Memphis, AR, has been changed to the South 8th Street Landfill. Finally, the name of a site previously placed on the NPL, Holton Circle Ground Water Contamination Site, in Londonderry, NH, has been changed to Town Garage/Radio Beacon. These changes make it easier for the public to identify the sites.

IV. Regulatory Impact Analysis

The costs of cleanup actions that may be taken at sites are not directly attributable to placement on the NPL, as explained below. Therefore, the Agency has determined that this rulemaking is not a "major" regulation under Executive Order 12291. EPA has conducted a preliminary analysis of the economic implications of this amendment to the NCP. EPA believes that the kinds of economic effects associated with this revision to the NPL are generally similar to those identified in the regulatory impact analysis (RIA) prepared in 1982 for revisions to the NCP pursuant to section 105 of CERCLA (47 FR 31180, July 16, 1982) and the

economic analysis prepared when amendments to the NCP were proposed (50 FR 5882, February 12, 1985). This rule was submitted to the Office of Management and Budget for review as required by Executive Order 12291.

This final rulemaking is not a "major" regulation because it does not establish that EPA necessarily will undertake remedial action, nor does it require any action by a private party to determine any party's liability for site response costs. Costs that arise out of responses at sites in the General Superfund Section result from site-by-site decisions about what actions to take, not directly from the act of listing itself. Nonetheless, it is useful to consider the costs that may be associated with responding to all sites in this rule. Placing of a site on the NPL may be followed by a search for potentially responsible parties and a Remedial Investigation/Feasibility Study (RI/FS) to determine if remedial actions will be undertaken at a site. Design and construction of the selected remedial alternative follow completion of the RI/ FS, and operation and maintenance (O&M) activities may continue after construction has been completed.

EPA initially bears costs associated with responsible party searches. Responsible parties may enter into consent orders or agreements to conduct or pay the costs of the RI/FS, remedial design and remedial action, and O&M, or EPA and the States may share costs up from and subsequently bring an

action for cost recovery

The State's share of site cleanup costs for Trust Fund-financed actions is governed by CERCLA section 104(c). For privately-owned sites, as well as publicly-owned but not publiclyoperated sites, EPA will pay from the Trust Fund for 100% of the costs of the RI/FS and remedial planning, and 90% of the costs of the remedial action, leaving 10% to the State. For sites operated by a State or political subdivision, the State's share is at least 50% of all response costs at the site. including the cost associated with the RI/FS, remedial design, and construction and implementation of the remedial action selected. After construction of the remedy is complete, costs fall into two categories:

· For restoration of ground water and surface water, EPA will pay from the Trust Fund a share of the start-up costs according to the cost-allocation criteria in the previous paragraph for 10 years or until a sufficient level of protectiveness is achieved before the end of 10 years. 40 CFR 300.435(f)(3). After that, the State

assumes all O&M costs. 40 CFR 300.435 (f)(1).

· For other cleanups, EPA will pay from the Trust Fund a share of the costs of a remedy according to the costallocation criteria in the previous paragraph until it is operational and functional, which generally occurs after one year. 40 CFR 300.435(f)(2). 300.510(c)(2). After that, the State assumes all O&M costs. 40 CFR 300.510(c)(1).

In previous NPL rulemakings, the Agency estimated the costs associated with these activities (RI/FS, remedial design, remedial action, and O&M) on an average-per-site and total cost basis. EPA will continue with this approach, using the most recent (1988) cost estimates available; these estimates are presented below. However, costs for individual sites vary widely, depending on the amount, type, and extent of contamination. Additionally, EPA is unable to predict what portions of the total costs responsible parties will bear, since the distribution of costs depends on the extent of voluntary and negotiated response and the success of any cost-recovery actions.

Cost category	Average total cost per site 1
RI/FS	\$1,300,000
Remedial action	2 25,000,000
Net present value of O&M 3	2 3,770,000

1 1988 U.S. Dollars.

² Includes State cost-share.
³ Assumes cost of O&M over 30 years, \$400,000 for the first year and 10% discount rate.
Source: Office of Program Management, Office of Emergency and Remedial Response, U.S. EPA, Washington, DC.

Possible costs to States associated with today's final rule for Trust Fundfinanced response action arise from the required State cost-share of: (1) for privately owned sites at which remedial action involving treatment to restore ground and surface water quality are undertaken, 10% of the cost of constructing the remedy, and 10% of the cost of operating the remedy for a period up to 10 years after the remedy becomes operational and functional; (2) for privately-owned sites at which other remedial actions are undertaken, 10% of the cost of all remedial action, and 10% of costs incurred within one year after remedial action is complete to ensure that the remedy is operational and functional; and (3) for sites publiclyoperated by a State or political subdivision at which response actions are undertaken, at least 50% of the cost of all response actions. States must assume the cost for O&M after EPA's participation ends. Using the

assumptions developed in the 1982 RIA for the NCP, EPA has assumed that 90% of the non-Federal sites proposed for the NPL in this rule will be privately-owned and 10% will be State- or locallyoperated. Therefore, using the budget projections presented above, the cost to States of undertaking Federal remedial planning and actions at all non-Federal sites in today's proposed rule, but excluding O&M costs, would be approximately \$99 million. State O&M costs cannot be accurately determined because EPA, as noted above, will share costs for up to 10 years for restoration of ground water and surface water, and it is not known how many sites will require this treatment and for how long. However, based on past experience, EPA believes a reasonable estimate is that it will share start-up costs for up to 10 years at 25% of sites. Using this estimate, State O&M costs would be approximately \$83 million. As with the EPA share of costs, portions of the State share will be borne by responsible parties.

Placing a hazardous waste site on the NPL does not itself cause firms responsible for the site to bear costs. Nonetheless, a listing may induce firms to clean up the sites voluntarily, or it may act as a potential trigger for subsequent enforcement or costrecovery actions. Such actions may impose costs on firms, but the decisions to take such actions are discretionary and made on a case-by-case basis. Consequently, these effects cannot be precisely estimated. EPA does not believe that every site will be cleaned up by a responsible party. EPA cannot project at this time which firms or industry sectors will bear specific portions of the response costs, but the Agency considers: the volume and nature of the waste at the sites; the strength of the evidence linking the wastes at the site to the parties; the parties' ability to pay; and other factors when deciding whether and how to proceed against the parties.

Economy-wide effects of this amendment to the NCP are aggregations of effects on firms and State and local governments. Although effects could be felt by some individual firms and States, the total impact of this proposal on output, prices, and employment is expected to be negligible at the national level, as was the case in the 1982 RIA.

Benefits

The real benefits associated with today's final rule are increased health and environmental protection as a result of increased public awareness of potential hazards. In addition to the

potential for more Federally-financed remedial actions, expansion of the NPL could accelerate privately-financed, voluntary cleanup efforts. Listing sites as national priority targets also may give States increased support for funding responses at particular sites.

As a result of the additional CERCLA remedies, there will be lower human exposure to high-risk chemicals, and higher-quality surface water, ground water, soil, and air. These benefits are expected to be significant, although difficult to estimate before the RI/FS is completed at these sites.

V. Regulatory Flexibility Act Analysis

The Regulatory Flexibility Act of 1980 requires EPA to review the impacts of this action on small entities, or certify that the action will not have a significant impact on a substantial number of small entities. By small entities, the Act refers to small businesses, small government jurisdictions, and nonprofit organizations.

While this rule revises the NCP, it is not a typical regulatory change since it does not automatically impose costs. As stated above, adding sites to the NPL does not in itself require any action by any party, nor does it determine the liability of any party for the cost of

cleanup at the site. Further, no identifiable groups are affected as a whole. As a consequence, impacts on any group are hard to predict. A site's inclusion on the NPL could increase the likelihood of adverse impacts on responsible parties (in the form of cleanup costs), but at this time EPA cannot identify the potentially affected businesses or estimate the number of small businesses that might also be affected.

The Agency does expect that the listing of the sites in this NPL rule could significantly affect certain industries, or firms within industries, that have caused a proportionately high percentage of waste site problems. However, EPA does not expect the listing of these sites to have a significant economic impact on a substantial number of small businesses.

In any case, economic impacts would occur only through enforcement and cost-recovery actions, which EPA takes at its discretion on a site-by-site basis. EPA considers many factors when determining enforcement actions, including not only the firm's contribution to the problem, but also its ability to pay.

The impacts (from cost recovery) on small governments and nonprofit

organizations would be determined on a similar case-by-case basis.

For the foregoing reasons, I hereby certify that this rule does not have a significant economic impact on a substantial number of small entities. Therefore, this regulation does not require a regulatory flexibility analysis.

List of Subjects in 40 CFR Part 300

Air pollution control, Chemicals, Hazardous materials, Intergovernmental relations, Natural resources, Oil pollution, Reporting and recordkeeping requirements, Superfund, Waste treatment and disposal, Water pollution control, Water supply.

Dated: October 5, 1992.

Don R. Clay,

Assistant Administrator, Office of Solid Waste and Emergency Response.

PART 300-[AMENDED]

1. The authority citation for part 300 is revised to read as follows:

Authority: 42 U.S.C. 9601–9657; 33 U.S.C. 1321(c)(2); E.O. 12777, 56 FR 54757, 3 CFR. 1991 Comp., p. 351; E.O. 12580, 52 FR 2923, 3 CFR. 1987 Comp., p. 193.

2. Appendix B to part 300 is revised to read as set forth below:

Appendix B-National Priorities List

TABLE 1.—GENERAL SUPERFUND SECTION, OCTOBER 1992

State and site name	City/county	Notes
Alaska:		
Alaska Battery Enterprises	Calibratia N. Con. D.	
Arctic Surplus		
Alabama:	Fairbanks	
Ciba-Geigy Corp. (McIntosh Plant)	Melatech	
Interstate Lead Co. (ILCO)		
Mowbray Engineering Co	Leeds	
Olin Corp. (McIntosh Plant)	Greenville	C
Perdido Ground Water Contamination	McIntosh	
Redwing Carriers, Inc. (Saraland)		
Stauffer Chemical Co. (Cold Creek Plant)	Saraland	
Stauffer Chemical Co. (LeMoyne Plant)		
T.H. Agriculture & Nutrition Co. (Montgomery Plant)	Axis	
Triana/Tennessee River (once listed as Triana (Redstone) Arsenal)	Montgomery	
Arkansas:	Limestone/Morgan	C
Arkwood, Inc.	Omete	AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUM
Frit Industries		
Gurley Pit.		
Industrial Waste Control		
Jacksonville Municipal Landfill		C
Mid-South Wood Products		
Midland Products	Mena	С
Monroe Auto Equipment Co. (Paragould Pit)	Ola/Birta	
Popile, Inc		
Rogers Road Municipal Landfill		
South 8th Street Landfill		
Vertac, Inc		***************************************
urizona:	Jacksonville	
Apache Powder Co	Ct Carle	
Hassayampa Landfill		***************************************
Indian Bend Wash Area		
Litchfield Airport Area		
Motorola, Inc. (52nd Street Plant)		
Nineteenth Avenue Landfill		
Tucson International Airport Area	Phoenix	
	Tucson	

State and site name	City/county	Notes
alifornia:		
Advanced Micro Devices, Inc. (Building 915)	Sunnyvale	С
Advanced Micro Devices, Inc	Sunnyvale	
Aerojet General Corp	Rancho Cordova	
Applied Materials	Santa Clara	
Atlas Asbestos Mine	Fresno County	
Beckman Instruments (Porterville Plant)	Porterville	ALLE STATE OF THE
Brown & Bryant, Inc. (Arvin Plant)		The state of the s
Celtor Chemical Works	Hoopa	The state of the s
Coalinga Asbestos Mine		
Coast Wood Preserving.	Ukiah	
Crazy Horse Sanitary Landfill	Salinas	
CTS Printex, Inc	Mountain View	
Del Norte Pesticide Storage		
	Crescent City	
Fairchild Semiconductor Corp. (Mountain View Plant) (once listed as Fairchild Camera	Mountain View	***************************************
& Instrument Corp. (Mountain View Plant)).		
Fairchild Semiconductor Corp. (South San Jose Plant) (once listed as Fairchild	South San Jose	C
Camera & Instrument Corp. (South San Jose Plant)).		
Firestone Tire & Rubber Co. (Salinas Plant)	. Salinas	
Fresno Municipal Sanitary Landfill	Fresno	
Hewlett-Packard (620-640 Page Mill Road)	Palo Alto	
Hexcel Corp	Livermore	
Industrial Waste Processing	Fresno	
Intel Corp (Mountain View Plant)	Mountain View	
Intel Corp (Santa Clara III)	Santa Clara	
Intel Magnetics	Santa Clara	
Intersil Inc./Siemens Components.	Cupertino	
Iron Mountain Mine	Redding	
J.H. Baxter & Co	Weed	
Jasco Chemical Corp.	Mountain View	
Koppers Co., Inc (Oroville Plant)	Oroville	
Liquid Gold Oil Corp	Richmond	
Lorentz Barrel & Drum Co		
Louisiana-Pacific Corp	Oroville	
McColl	Fullerton	
McCormick & Baxter Creosoting Co	Stockton	
MGM Brakes	Cloverdale	
Modesto Ground Water Contamination	. Modesto	
Monolithic Memories	Sunnyvale	
Montrose Chemical Corp	Torrance	
National Semiconductor Corp.	Santa Clara	
Newmark Ground Water Contamination	San Bernardino	
Operating Industries, Inc., Landfill	Monterey Park	
Pacific Coast Pipe Lines	Fillmore	
Purity Oil Sales, Inc	. Malaga	
Ralph Gray Trucking Co	Westminster	
Raytheon Corp	. Mountain View	
San Fernando Valley (Area 1)	Los Angeles	
San Fernando Valley (Area 2)	Los Angeles/Giendale	
San Fernando Valley (Area 3)	Glendale	
San Fernando Valley (Area 4)	Los Angeles	
San Gabriel Valley (Area 1)	. El Monte	Manager and American Street, and a second se
San Gabriel Valley (Area 2)	Baldwin Park Area	
San Gabriel Valley (Area 3)	Alhambra	
San Gabriel Valley (Area 4)	La Puente.	
Selma Treating Co.	Selma	
Sola Optical USA, Inc.	Petaluma	
South Bay Asbestos Area (once listed as Alviso Dumping Area)		
	AMISO	
Southern California Edison Co (Visalia Poleyard)	Visalia	
Spectra-Physics, Inc	Mountain View	
Stringfellow	Glen Avon Heights	
Sulphur Bank Mercury Mine	Clear Lake	
Synertek, Inc. (Building 1)	Santa Clara	
T.H. Agriculture & Nutrition Co. (once listed as Thompson-Haywood Chemical Co.)	Fresno	
Teledyne Semiconductor	Mountain View	С
TRW Microwave, Inc (Building 825)	Sunnyvale	
United Heckathorn Co	Richmond	
Valley Wood Preserving, Inc.	Turlock	
Waste Disposal, Inc	Santa Fe Springs	
Watkins-Johnson Co. (Stewart Division)	Scotts Valley	***************************************
Western Pacific Railroad Co	Oroville	
Westinghouse Electric Corp. (Sunnyvale Plant)	Sunnyvale	
olorado:		
Broderick Wood Products	Denver	
California Gulch	Leadville	
Central City—Clear Creek	I Idaho Springs	
Chemical Sales Co.	Denver	
Denver Radium Site	. Denver	
Eagle Mine	Minturn/Redcliff	

State and site name	City/county	Note
Louis Louis		
Lowry Landfill	Arapaho County	ministration of the same of th
Marshall Landfill	Boulder County	
Sand Creek Industrial	Commerce City	
Smuggler Mountain.	Pitkin County	
Uravan Uranium Project (Union Carbide Corp.)	Uravan	
Woodbury Chemical Co	Commerce City	C
nnecticut:		Total Control
Barkhamstead—New Hartford Landfill	Barkhamsterl	THE REAL PROPERTY.
Beacon Heights Landfill	Barkhamsted	William Print
Cheshire Ground Water Contamination (once listed as Cheshire Associates Property)	Cheshire	2011-2011-201
Durham Meadows	Durham	
Gallup's Quarry	Plainfield	
Kellogg—Deering Well Field	Norwalk	
Laurel Park, Inc. (once listed as Laurel Park Landfill)	Naugatuck Borough	
Linemaster Switch Corp	Woodstock	
Nutmeg Valley Hoad	Wolcott	***************************************
Old Southington Landfill	Southington	
Precision Plating Corp	Vernon	
Hevere Textile Prints Corp	Sterling	
Solvents Recovery Service of New England	Southington	
Yaworski Waste Lagoon.	Canterbury	
laware:		
Army Creek Landfill (once listed as Delaware Sand & Gravel-Llangollen Army Creek	New Castle County	
Landfills).		
Chem-Solv, Inc	Cheswold	Marie San
Coker's Sanitation Service Landfills	Kent County	
Delaware City PVC Plant (once listed as Stauffer Chemical Co.)	Delaware City	
Delaware Sand & Gravel Landfill (once listed as Delaware Sand & Gravel-Llangollen	New Castle County	
Army Creek Landfills).		
Dover Gas Light Co	Dover	The same of the sa
E.I. Du Ponte de Nemours & Co., Inc. (Newport Pigment Plant Landfill)	Newport	
Halby Chemical Co	New Castle	
Harvey & Knott Drum, Inc	Kirkwood	
Koppers Co., Inc. (Newport Plant)	Newport	
NCR Corp. (Millsboro Plant)	Millsboro	
New Castle Spill (once listed as TRIS Spill)	New Castle County	C
Seal and Limited	Mount Pleasant	C
Standard Chlorine of Delaware, Inc	Delaware City	
Sussex County Landfill No. 5	Laurel	
Tybouts Corner Landfill	New Castle County	S
Tyler Refrigeration Pit	Smyrna	
Wildcat Landfill	Dover	C
rida:		The second
Agrico Chemical Co	Pensacola	
Airco Plating Co	Miami	
Alpha Chemical Corp	Galloway	C
American Creosote Works, Inc. (Penacola Plant) (once listed as American Creosote	Pensacola	
Works);		
Anaconda Aluminum Co./Milgo Electronics Corp	Miami	
Anodyne, Inc.	North Miami Beach	
B&B Chemical Co., Inc.	Hialeah	
Beulah Landfill	Pensacola	
BMI—Textron	Lake Park	
Brown Wood Presented	Fort Lauderdale	
Brown Wood Preserving	Live Oak	C
Chemicon Inc	Gainesville	
City Industries Inc	Pompano Beach	
City Industries, Inc.	Orlando	
Coleman-Evans Wood Preserving Co	Whitehouse	
Davie Landfill (once listed as Broward County Solid Waste Disposal Facility)	David	
Dubose Oil Products Co	Cantonment	
Florida Steel Corp.	Indiantown	
Gold Coast Oil Corp	Miami	C
Harris Corp. (Palm Bay Plant) (Once listed as Harris Corp./General Development Utilities).	Palm Bay	
Helena Chemical Co. (Tampa Plant)	Tampa	
Hipps Road Landfill	Duval County	and the same of th
Hollingsworth Solderless Terminal	Fort Lauderdale	
hassaul-hillering battery Disposal tonce listed as Timber Lake Hattery Disposal)	Tampa	
Madison County Sanitary Landtill	Madison	
Miami Drum Services (once listed as part of Biscayne Aquifer)	Miami	
Munisport Landfill	North Miami	
Northwest 58th Street Landfill (once listed as part of Biscayne Aquiller)	Hialeah	
reak Oil Co./ bay Drum Co.	Tampa	
Pepper Steel & Alloys, Inc.	Medley	
Peroleum Products Corp	Pembroke Park	
Fickettylie Hoad Landfill	Jacksonville	
	Warrington	The state of the s

TABLE 1.—GENERAL SUPERFUND SECTION, OCTOBER 1992—Continued

State and site name	City/county	Note
Reeves Southeast Galvanizing Corp	Tampa	
Sapp Battery Salvage		
Schuylkill Metals Corp		
Sherwood Medical Industires		
Sixty-Second Street Dump.		COMMANDE WATER CONTROL OF THE COMMAND CONTROL
Standard Auto Bumper Corp	Hialeah	
Sydney Mine Sludge Ponds	Brandon	
Taylor Road Landfill		
Tower Chemical Co		200000000000000000000000000000000000000
Whitehouse Oil Pits		
Wilson Concepts of Florida, Inc		
Wingate Road Municipal Incinerator Dump		
Woodbury Chemical Co. (Princeton Plant)		
Yellow Water Road Dump		
Zellwood Ground Water Contamination	Zellwood	
orgia:	Catalana	Section 14 Property
Cedartown Industries, Inc.		
Cedartown Municipal Landfill		
Diamond Shamrock Crop. Landfill		
Firestone Tire & Rubber Co. (Albany Plant) Hercules 009 Landfill		
Marzone Inc./Chevron Chemical Co		
Marbis Brothers Landfill (South Marble Top Road)		
Monsanto Corp. (Augusta Plant)		
Powersville Site		
T.H. Agriculture & Nutrition Co. (Albany Plant)		
Woolfolk Chemical Works, Inc.		
am: Ordot Landfill		
va:		Division of the Control of the Contr
Aidex Corp	Council Bluffs	C.S
Des Mones TCE (once listed as DICO)		
E.I. Du Pont de Nemours Co., Inc. (County Road X23)		
Electro-Coatings, Inc.		
Fairfield Coal Gasification Plant		
Farmers' Mutual Cooperative		
John Deere (Ottumwa Works Landfills)	Ottumwa	C
LaBounty Site	Charles City	C
Lawrence Todtz Farm	Camanche	C
Lehigh Portland Cement Co	Mason City	
Mid-America Tanning Co		
Midwest Manufacturing/North Farm	Kellogg	
Northwestern States Portland Cement Co.		
Peoples Natural Gas Co		
Red Oak City Landfill		
Shaw Avenue Dump		
Sheller-Globe Corp. Disposal		
Vogel Paint & Wax Co		
White Farm Equipment Co. Dump	Charles City	
tho:		c
Arrcom (Drexler Enterprises)		
Bunker Hill Mining & Metallurgical		
Eastern Michaud Flats Contamination		
Monsanto Chemical Co. (Soda Springs Plant)		
Pacific Hide & Fur Recycling Co.		
Union Pacific Railroad Co.		
nois:		
A & F Material Reclaiming, Inc.	Greenup	С
Acme Solvent Reclaiming, Inc. (Morristown Plant)		CONTRACTOR OF THE PARTY OF THE
Adams County Quincy Landfills 2 & 3		AND SALES OF THE PARTY OF THE P
Amoco Chemicals (Joliet Landfill)		CONTRACTOR OF THE PARTY OF THE
Beloit Corp		
Belvidere Municipal Landfill		
Byron Salvage Yard	Byron	
Central Illinois Public Service Co	Taylorville	
Cross Brothers Pail Recycling (Pembroke)	Pembroke Township	
DuPage County Landfill/Blackwell Forest Preserve		
Galesburg/Koppers Co		
H.O.D. Landfill		
Ilada Energy Co		
Interstate Pollution Control, Inc.		
Johns-Manville Corp		
Kerr-McGee (Kress Creek/West Branch of DuPage River)	DuPage County	
Kerr-McGee (Reed-Keppler Park)		
V M-C (D(dVal Aa)		
Kerr-McGee (Residential Areas)		The second secon
Kerr-McGee (Hesidential Areas) Kerr-McGee (Sewage Treatment Plant)	West Chicago	
Kerr-McGee (Sewage Treatment Plant)	LaSafle	

State and site name	City/county	Not
Gulf Coast Vacuum Services	Abbeville	The same of the sa
Old Inger Oil Refinery	Darrow	The state of the s
PAB Oil & Chemical Service, Inc.	Abbeville	
Petro-Processors of Louisiana Inc.	Scotlandville	THE PERSON NAMED IN COLUMN NAM
assachusetts:		
Atlas Tack Corp.	Fairhaven	
Baird & McGuire	Holbrook	
Cannon Engineering Corp. (CEC)	Bridgewater	
Charles-George Reclamation Trust Landfill	Tyngsborough	
Groveland Wells	Groveland	
Haverhill Municipal Landfill	Haverhill	
Hocomonco Pond	Westborough	
Industri-Plex (once listed as Mark Phillip Trust)	Woburn	
Iron Horse Park	Billerica	and the same of th
New Bedford Site	New Bedford	
Norwood PCBs.	Norwood	
Nyanza Chemical Waste Dump	Ashland	in and the same of
Plymouth Harbor/Cannon Engineering Corp. (once listed as Plymouth Harbor/Cordage).	Plymouth	C
PSC Resources	B. Van	
Re-Solve, Inc.	Palmer	CONTRACTOR OF THE PARTY OF THE
Rose Disposal Pit.	Dartmouth	TO THE REAL PROPERTY.
Salem Acres	Lanesboro	
Shpack Landfill	Norton/Attleboro	
Silresim Chemical Corp	Lowell	minimum
Sullivan's Ledge	New Bedford	
W.R. Grace & Co. Inc. (Acton Plant)	Acton	
Wells G&H	Woburn	
aryland:		
Bush Valley Landfill	Abingdon	
Kane & Lombard Street Drums	Baltimore	
Limestone Road	Cumberland	
Mid-Atlantic Wood Preservers, Inc.	Harmans	
Sand, Gravel & Stone	Elkton	
Southern Maryland Wood Treating	Hollywood	
Woodlawn County Landfill	Woodlawn	
aine:		
McKin Co	Gray	c
O'Connor Co	Augusta	
Pinette's Salvage Yard	Washburn	
Saco Municipal Landfill.	Saco	
Saco Tannery Waste Pits	Saco	
Union Chemical Co., Inc.	South Hope	
Winthrop Landfill	Winthrop	
	Carrier Control of the Control of th	
Adam's Plating	Lansing	
Allied Paper, Inc./Portage Creek/Kalamazoo River.	Albion	
American Anodeo, Inc.	Kalamazoo	
Anderson Development Co	Ionia	
Auto Ion Chemicals, Inc	Adrian	
Avenue "E" Ground Water Contamination	Kalamazoo	***************************************
Barrels, Inc	Traverse City	Contraction of the last of the
Bendix Corp./Allied Automotive	Lansing St. Joseph	
Berlin & Farro	Swartz Creek	
Bofors Nobel, Inc	Muskegon	***************************************
Burrows Sanitation	Hartford	
Butterworth ;2 Landfill	Grand Rapids	
Cannelton Industries, Inc	Saulte Sainte Marie	
Carter Industrials, Inc	Detroit	***************************************
Cemetery Dump.	Rose Center	
Charlevoix Municipal Well	Charlevoix	č
Chem Central	Wyoming Township	
Clare Water Supply	Clare	
Cliff/Dow Dump	Marquette	
Duell & Gardner Landfill	Dalton Township	
Electrovoice	Buchanan	AND DESCRIPTION OF THE PARTY OF
Folkertsma Refuse	Grand Rapids	
Forest Waste Products	Otisville	
G&H Landfill	Utica	
Grand Traverse Overall Supply Co	Greitickville	
Gratiot County Landfill	St. Louis	S
H. Brown Co., Inc.	Grand Rapids	Carlo
Hedblum Industries	Oscoda	5-10-10-10-10-10-10-10-10-10-10-10-10-10-
Hi-Mill Manufacturing Co	Highland	
Ionia City Landfill	Ionia	
J&L Landfill	Rochester Hills	
K&I Avenue Landfill	Oshtemo Township	
K&L Avenue Landfill Kaydon Corp	Ositemo rownsing	

State and site name	City/county	Notes
Kentwood Landfill	Vintuand	5 1 3 5 1 1
Kysor Industrial Corp	Kentwood	
Liquid Disposal, Inc	. Cadillac	
Mason County Landfill	Utica	
McGraw Edison Corp.	Pere Marquette Twp	
Metal Working Shop	Albion	
Metamora Landfill	Lake Ann	C
Michigan Disposal Service (Cork Street Landfill)	Metamora	
Motor Wheel, Inc.	- Kalamazoo	
Muskegon Chemical Co	Lansing	
North Bronson Industrial Area	. Whitehall	
Northernaire Plating	Bronson	
Jovann Industriae	. Cadillac	
Novaco Industries	Temperance	C
Ossineke Ground Water Contamination.	. Grandville	
OH/Ston/Cordova Chamical Co.	Ossineke	
Ott/Story/Cordova Chemical Co	Dalton Township	
Packaging Corp. of America	Filer City	
Parsons Chemical Works, Inc.	Grand Ledge	
Peerless Plating Co	. Muskegon	
letoskey Municipal Well Field	Petoskey	
Rasmussen's Dump	Green Oak Township	***************************************
Rockwell International Corp. (Allegan Plant)	Allegan	
Rose Township Dump	Rose Township	
loto-Finish Co., Inc.	Kalamazoo	
CA Independent Landfill	Muskegon Heights	***************************************
hiawassee River	Howell	***************************************
outh Macomb Disposal Authority (Landfills ;9 and ;9a)	Macomb Township	
outhwest Ottawa County Landfill	Park Township	
parta Landfill	Sparta Township	***************************************
partan Chemical Co	Wyoming	
piegelberg Landfill	Green Oak Township	
pringfield Township Dump	Davisburg	
tate Disposal Landfill, Inc	Grand Rapids	
turgis Municipal Wells	Sturgis	
ar Lake	Mancelona Township	
hermo-Chem, Inc	Muskegon	
orch Lake	Houghton County	
.S. Aviex	Howard Township	
elsicol Chemical Corp. (Michigan)	St. Louis	C
erona Well Field	Battle Creek	****************
Vash King Laundry	Pleasant Plains Twp.	
/aste Management of Michigan (Holland Lagoons)	Holland	
drian Municipal Well Field	Adrian	C
gate Lake Scrapyard	Fairview Township	***************************************
rrowhead Refinery Co	Hermantown	
oise Cascade/Onan Corp./Medtronics, Inc	Fridley	C
oise Cascade/Onan Corp./Medtronics, Inc	Fridley	C
urlington Northern (Brainerd/Baxter Plant)	Brainerd/Baxter	
akhue Sanitary Landfill	Cannon Falls	
ast Bethel Demolition Landfill	East Bethel Township	
MC Corp. (Fridley Plant)	Fridley	C
eeway Sanitary Landfill	Burnsville	
eneral Mills/Henkel Corp	Minneapolis	С
oslyn Manufacturing & Supply Co	Brooklyn Center	
och Refining Co./N-Ren Corp	Pine Bend	
oppers Coke	St. Paul."	
ummer Sanitary Landfill	Bemidji	
urt Manufacturing Co	Fridley	
Grand Sandary Landfill	LaGrand Township	
Phillier/Mankato Site	Lehillier/Mankato	C
ong Prairie Ground Water Contamination	Long Prairie	
acGillis & Gibbs Co./Bell Lumber & Pole Co	New Brighton	
ew Brighton/Arden Hills	New Brighton	
Industries/Taracorp/Golden Auto (once listed as National Lead Taracorp)	St Louis Park	
utting Truck & Caster Co	Faribault	C
ak Grove Sanitary Landfill	Oak Grove Township	
akdale Dump	Oakdale	
mstead County Sanitary Landfill	Oronoco	41
erham Arsenic Site	Perham	
ne Bend Sanitary Landfill (once listed as Pine Bend Sanitary Landfill/Crosby	Dakota County	
American Demolition Landfill).		
eilly Tar & Chemical Corp. (St. Louis Park Plant)	St. Louis Park	0
tan Post & Pole	Sebeka	
outh Andover Site (once listed as Andover Sites)	Andover	***************************************
Augusta Sanitary Landfill/Engen Dump (once listed as St. Augusta Sanitary	St Augusta Township	
Landfill/St. Cloud Dump).	St. Augusta Township	
Louis River Site	St Louis County	The state of the s
Design Design Association	St. Louis County	
Regis Paper Co		

TABLE 1.—GENERAL SUPERFUND SECTION, OCTOBER 1992—Continued

State and site name	City/county	Not
mer as your	reach Lighters of their conditional kinds from	
Waite Park Wells Washington County Landfill		
Waste Disposal Engineering		
Whittaker Corp.		
Windom Dump		4 (4)
ssouri:	THOUGH	
Bee Cee Manufacturing Co	Malden	
Big River Mine Tailings/St. Joe Minerals Corp		
Conservation Chemical Co		
Ellisville Site		
Fulbright Landfill		
Kem-Pest Laboratories Lee Chemical		
Minker/Stout/Romaine Creek (once listed as Arena 2: Fills 1 & 2)		
Missouri Electric Works		
North-U Drive Well Contamination		and the same of th
Oronongo-Duenweg Mining Belt		
Shenandoah Stables (once listed as Arena 1: Shenandoah Stables)		
		The state of the s
Solid State Circuits, Inc.		
St. Louis Airport/Hazelwood Interim Storage/Futura Coatings Co		
Times Beach Site		
Valley Park TCE		
Westlake Landfill		
Wheeling Disposal Service Co. Landfill	Amazonia	
	Alligacotting	
lississippi: Flowood Site	Flowcod	10
Newsom Brothers/Old Reichhold Chemicals, Inc		
	Coloribia	***************************************
Iontana:	Anaconda	
Anaconda Co. Smetter		
Idaho Pole Co	MMAH KANDIDABANA (Elimferdelfant) (Karal Material Mentangarah Kandida) (Karal Material Materi	010000000000000000000000000000000000000
Libby Ground Water Contamination.		
Milltown Reservoir Sediments Montana Pole and Treating		
Mouat Industries		
Silver Bow Creek/Butte Area (once listed as Silver Bow Creek)		
	Sil bow/Deer Lodge	
forth Carolina:	Jacksonville	
ABC One Hour Cleaners		
Aberdeen Pesticide Dumps	The state of the s	
Benfield Industries, Inc.		
Bypass 601 Ground Water Contamination		
Cape Fear Wood Preserving		
Carolina Transformer Co		
Celanese Corp. (Shelby Fiber Operations)		
Charles Macon Lagoon & Drum Storage		
Chemtronics, Inc		
FCX, Inc. (Statesville Plant)		
FCX, Inc. (Washington Plant)		
Geigy Chemical Corp. (Aberdeen Plant)		
Hevi-Duty Electric Co		
Jadco-Hughes Facility		
JFD Electronics/Channel Master		
Koppers Co., Inc. (Morrisville Plant)		***************************************
Martin-Marietta, Sodyeco, Inc.		
National Starch & Chemical Corp		80700070097000371 1
North Carolina State University (Lot 86, Farm Unit ;1)		
New Hanover County Airport Burn Pit		TOTAL VALUE OF THE PARTY OF THE
Potter's Septic Tank Service Pits	Maco	
orth Dakota:		The state of the s
Arsenic Trioxide Site		
Minot Landfill	Minot	
ebraska:		a contract of the
10th Street Site		
Cleburn Street Well.		
Hastings Ground Water Contamination		
Lindsay Manufacturing Co		The state of the s
Nebraska Ordnance Plant (Former)	Mead	
Sherwood Medical Co	Norfolk	
Waverly Ground Water Contamination		
ew Hampshire:		
Auburn Road Landfill	Londonderry	
Coakley Landfill		
Dover Municipal Landfill		
Fletcher's Paint Works & Storage		
Kearsarge Metallurgical Corp. (once listed as Kearsage Metallurgical Lorn L		
Kearsarge Metallurgical Corp. (once listed as Kearsage Metallurgical Corp.) Keele Environmental Services (once listed as KES)		
Kearsarge Metallurgical Corp. (once listed as Kearsage Metallurgical Corp.) Keele Environmental Services (once listed as KES)	Epping	

State and site name	City/county	No
Ottati & Gross/Kingston Steel Drum (once listed as Ottati & Gross)	Viscotos	8 F8 F7 F3
Savage Municipal Water Supply	. Kingston	
Savage Municipal Water Supply	- Milford	
Somersworth Sanitary Landfill	. Somersworth	
South Municipal Water Supply Well	Peterborough	
Sylvester	. Nashua	
Tibbetts Road	Barrington	
Tinkham Garage	Londonderry;	
Town Garage/Radio Beacon	Londonderry	
Jersey:		
A.O. Polymer	Sparta Township	TOTAL TOTAL
American Cyanamid Co	Davied Denet	**********
Achaetae Duma	Bound Brook	
Asbestos Dump	Millington	
Bog Creek Farm	Howell Township	
Brick Township Landfill.	Brick Township	
Bridgeport Rental & Oil Services	Bridgeport	
Brook Industrial Park	Bound Brook	
Burnt Fly Bog	Marlboro Township	
Caldwell Trucking Co	Fairfield	
Chemical Control	Elizabeth	
Chemical Insecticide Corp	Edison Township	***********
Chemical Leaman Tank Lines, Inc. (once listed as Chemical Leaman Tank Liners, Inc.).		
Chemsol, Inc.	Bridgeport	
Che Com Com International Property of the Communication of the Communica	Piscataway	
Ciba-Gelgy Corp. (once listed as Toms River Chemical)	Toms River	
Cinnamonson Township (Block 702) Ground Water Contamination	Cinnamonson Township	
Combe Fill North Landfill	Mount Olive Township	
Combe Fill South Landfill	Chester Township	
Cosden Chemical Coatings Corp	Beverly	
CPS/Madison Industries	Old Bridge Township	
Curcio Scrap Metal, Inc	Saddle Brook Township	
D'Imperio Property	Hamilton Township	
Dayco Corp./L.E. Carpenter Co	Wharton Paraurh	**********
De Rewal Chemical Co	Wharton Borough	
Delies Does	Kingwood Township	
Delilah Road	Egg Harbor Township	
Denzer & Schafer X-Ray Co	Bayville	
Diamond Alkali Co	Newark	
Dover Municipal Well #4	Dover Township	
Ellis Property	Evesham Township	
Evor Phillips Leasing	Old Bridge Township	
Ewan Property	Shamong Township	
Fair Lawn Well Field	Fair Lawn	
Florence Land Recontouring Landfill	Eloranca Tawashin	
Fried Industries	Florence Township	***************************************
Garden State Cleaners Co	East Brunswick Township	
CEASC I and fill	Minotola	
GEMS Landfill	Gloucester Township	
Glen Ridge Radium Site.	Glen Ridge	
Global Sanitary Landfill	Old Bridge Township	
Goose Farm	Plumstead Township	
Helen Kramer Landfill	Mantua Township	
Hercules, Inc. (Gibbstown Plant)	Gibbstown	
Higgins Disposal	Kingston	
Higgins Farm	Franklin Township	
Hopkins Farm		
Imperial Oil Co., Inc./Champion Chemicals	Plumstead Township	********
Industrial Latey Corn	Morganville	
Industrial Latex Corp	Wallington Borough	
Jackson Township Landtill	Jackson Township	
JIS Landfill	Jamesburg/S. Brunswick	
Kauffman & Minteer, Inc	Jobstown	
Kin-Buc Landfill	Edison Township	
King of Prussia	Winslow Township	
Landfill & Development Co	Mount Holly	
Lang Property		
Lipari Landfill	Pemberton Township	
Lodi Municipal Well	Pitman	
Logi Municipal Well	Lodi	
Lone Pine Landfill	Freehold Township	
Mannheim Avenue Dump	Galloway Township	
Maywood Chemical Co	Maywood/Rochelle Park	
Metaltec/Aerosystems	Franklin Borough	
Monitor Devices/Intercircuits Inc	Wall Township	
Jersey:	The second secon	
Monroe Township Landfill	Manrae Township	The second second
Montclair/West Orange Radium Site	Monroe Township	
	Montclair/W. Orange	
Montgomery Township Housing Development	Montgomery Township	**********
Myers Property	Franklin Township	.,,,,,,,,
Nascolite Corp	Millville	
NL Industries	Pedricktown	
Pepe Field	Boonton	
Pijak Farm		
PIP Landfill	Plumstead Township	
PJP Landfill	Jersey City	
Pohatcong Valley Ground Water Contamination	Warren County	
Pomona Oaks Residential Wells		

TABLE 1.—GENERAL SUPERFUND SECTION, OCTOBER 1992—Continued

State and site name	City/county	Not
	Discountillo	s
Price Landfill		
Radiation Technology, Inc		
Reich Farms		
Renora, Inc		AND THE PROPERTY OF THE PARTY O
Ringwood Mines/Landfill		
Rockaway Borough Well Field	Rockaway Township	
Rockaway Township Wells		
Rocky Hill Municipal Well	Rocky Hill Borough	
Roebling Steel Co	Florence Sayreville	
Sayreville Landfill		
Scientific Chemical Processing		
Sharkey Landfill		
Shieldalloy Corp		
South Brunswick Landfill		
South Jersey Clothing Co	Minotola.	
Spence Farm		
Swope Oil & Chemical Co		
Syncon Resins		
Tabernacle Drum Dump		
U.S. Radium Corp		
Universal Oil Products (Chemical Division)		
Upper Deerfield Township Sanitary Landfill		
Ventron/Velsicol		
Vineland Chemical Co., Inc.		ALLOWED BOOK OF THE PARTY OF TH
Vineland State School		AND CONTRACTOR OF THE CONTRACT
Waldick Aerospace Devices, Inc		
White Chemical Corp		1000 TO 1000 T
Williams Property		
Wilson Farm		Action of the State of State o
Witco Chemical Corp. (Oakland Plant)		
Woodland Route 532 Dump		
Woodland Route 72 Dump		
Mexico:	Clovis	The said of the said
AT & SF (Clovis)		
Circarron Mining Corp	Carrizozo Silver City	and the same of th
Homestake Mining Co		
Prewitt Abandoned Refinery	Total Control of the	
South Valley		
United Nuclear Corp	Oldron Hook	
vada:	Luca / Churchill County	and the same of th
Carson River Mercury Site	Lyon/Churchill County	
v York:	Copiague	С
Action Anodizing, Plating, & Polishing Corp		0.0000000000000000000000000000000000000
Anchor Chemicals		
Applied Environmental Services		
Batavia Landfill		Control of the Contro
BioClinical Laboratories, Inc		
Brewster Well Field		
Byron Barrel & Drum		The state of the s
Carroll & Dubies Sewage Disposal	East Farmingdale	
Claremont Polychemical		
Colesville Municipal Landfill		
Conklin Dumps		
Cortese Landfill		
Facet Enterprises, Inc		
FACET Enterprises, Inc	Town of Shelby	
Forest Glen Mobile Home Subdivision		н
Forest Gien Mobile Home Subdivision		
	MILLION CONTROL OF THE PROPERTY OF THE PROPERT	
GE Moreau		
		I CONTRACTOR OF THE PARTY OF TH
Genzale Plating Co		
Goldisc Recordings, Inc.		TF000000000000000000000000000000000000
Haviland Complex		
Hertel Landfill		
Hooker (102nd Street)		
Hooker (Hyde Park)		
Hooker (S Area)		
Hooker Chemical/Ruco Polymer Corp		A4409003.0000.00003
Hudson River PCBs		
Islip Municipal Sanitary Landfill		
Johnstown City Landfill		
Jones Chemicals, Inc	Caledonia	
Jones Sanitation	Hyde Park	

State and site name	City/county	Note
Kenmark Textile Corp		THE RESERVE
Kentucky Avenue Well Field	Farmingdale	
Li Tungsten Corp	Class Care	
Liberty industrial Finishing	Canada a data	
Love Canal	Minore Calle	
Ludiow Sand & Gravel	Claradita	
marta Hocket Fuel Area	Malta	
marathon Battery Corp	Cold Cadana	
mattace Petrochemical Co., Inc.	Class Cana	
Mercury Henning, Inc	Calumia	
Nepera Chemical Co., Inc	Market	
Niagara County Refuse	Wheatheld	
Niagara Mohawk Power Corp. (Saratoga Springs Plant)	Saratoga Springs.	The state of the s
North Sea Municipal Landfill	North Sea	Manager Control of the Control of th
Old Bethpage Landfill Olean Well Field Pastey Schemits & Champage Lee		
Pasley Solvents & Chemicals, Inc.	Olean	and the same of th
Pollution Abatement Services	Hempstead.	
Port Washington Landfill	Oswego	S
Preferred Plating Corp		
nation Chemical Co., Inc	Name Ward City	
namapo Langini		H
Hichardson Hill Hoad Landfill/Pond	Cide at Contact	***************************************
Hobintech, Inc./ National Pipe Co	7	
HUSER Drothers Scrap Yard/Lump	10-4-4	***************************************
nowe industries Ground Water Contamination	No LOC 11 1	
Sarriey Farm	Amonio	
Sealand Restoration, Inc	liab	
Signey Landill	Cida	-
Sincial retinery	184-Harvilla	
owo instruments, inc	Door Bart	
Solvent Savers	Lincklaen	The same of the sa
Suffern Village Well Field	Village of Suffern	C
Syosset Landilli	Oyster Bay	The second secon
Tri-Cities Barrel Co., Inc.	Port Crane	The same of the sa
Tronic Plating Co., Inc		The same of the sa
Vestal Water Supply Well 1-1 (once listed with Well 4-2 as one site)	Vestal	
Vestal Water Supply Well 4-2 (once listed with Well 1-1 as one site) Volney Municipal Landfill.	Vestal	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW
Warwick Landfill	Lown of Voiney	COLUMN TO THE PARTY OF THE PART
Wide Beach Development	Warwick	and the second
York Oil Co	Brant	C
0:	Moira	THE PARTY OF THE P
Allied Chemical & Ironton Coke	Land to	
Alsco Anaconda	Ironton	
Arcanum Iron & Metal	Dodge Co	
Big D Campground	Darke County	
bowers Langrill	Civil	
Duckeye Heciamation	Circleville St. Clairsville	
Chem-Dyne	1 14	
Cosnocton Landfill	P 10 -	C,S
C.F. Schilling Candill	Line it and the second	
reius brook	Ashtabula	
ruitz Landiii	I and a second s	
Industrial Excess Landfill.	Helester	***************************************
Laskin Fobial Oil Co. (once listed as Poblar Oil Co.)	I-M	
Miami County Incinerator	T	
vease Grenical	Colom	
New Lyme Landfill	New Lyme	Comment of the Commen
Old Mill (Once listed as Rock Creek/Jack Webb)	Rock Creek	C
Ormet Corp	I be a sit of	
Owell Hoad Landill	Dayton	and the same of th
Pristine, Inc.		
Reilly Tar & Chemical Corp. (Dover Plant)	Dover	
Republic Steel Corp. Quarry	Elyria	Children of the Control of the Contr
Sanitary Landfill Co. (Industrial Waste Disposal Co., Inc.)	Dayton	
Skinner Landfill	West Chester	
Summit National	South Point	
RW, Inc. (Minerva Plant)	Deerheid Township	
United Scrap Lead Co., Inc.	Minerva	
/an Dale Junkyard	Troy	
anesville Well Field	Marietta	
noma:	Zanesville	
Compass Industries (Avery Drive) (once listed as Compass Industries)		
Double Eagle Refinery Co		C
Fourth Street Abandoned Refinery.	Oklahorna City	and the same of th
idiudye/ Offier (Once listed as Caner/Harriage Waste Dispose))	Oklahoma City	
Mosley Road Sanitary Landfill		
	Oklahoma City Cyril	

State and site name	City/county	Note
Sand Springs Petrochemical Complex	Sand Springs	
Tar Creek (Ottawa County)	Ottawa County	
Tenth Street Dump/Junkyard	Oklahoma City	
egon:		
Allied Plating, Inc	Portland	
Gould, Inc.	Portland	
Joseph Forest Products	Joseph	
Martin-Marietta Aluminum Co	The Dalles	
Northwest Pipe & Casing Co	- Clackamas	
Teledyne Wah Chang	Albany	
Union Pacific Railroad Co. Tie Treating Plant.	The Dalles Corvallis	
United Chrome Products, Inc	Corvains.	
nnsylvania:	Exton	
A.I.W. Frank/Mid-County Mustang.	Scott Township	Automatical Control of the Control o
Ambler Asbestos Piles	Ambler	
AMP, Inc. (Glen Rock Facility	Glen Rock	CONTRACTOR
Austin Avenue Radiation Site	Delaware County	Н
Avco Lycoming (Williamsport Division)		
Bally Ground Water Contamination	Bally Borough	
Bell Landfill	. Terry Township	
Bendix Flight Systems Division	. Bridgewater Township	
Berkley Products Co. Dump	Denver	
Berks Landfill	. Spring Township	
Berks Sand Pit	Longswamp Township	
Blosenski Landfill	West Caln Township	
Boarhead Farms	Bridgeton Township	
Brodhead Creek	Stroudsburg	
Brown's Battery Breaking	Shoemakersville Bruin Borough	
Bruin Lagoon	Pittston	
Butler Mine Tunnel	Stroudsburg	
Butz Landfill	Foster Township	
C & D Recycling	State College Borough	
Commodore Semiconductor Group	Lower Providence Township	
Craig Farm Drum	Parker	
Crater Resources, Inc./Keystone Coke Co./Alan Wood Steel Co	Upper Merion Twp	
Crossley Farm	Hereford Township	
Croydon TCF	Croydon	
Cryochem, Inc.	Worman	
Delta Quarries & Disposal, Inc./Stotler Landfill	Antis/Logan Townships	***************************************
Domey Road Landfill	Upper Macungle Township	
Douglassville Disposal	. Douglassville	
Drake Chemical	Lock Haven	
Dublin TCE Site	Dublin Borough	
East Mount Zion	Springettsbury Township	
Eastern Diversified Metals	Hometown	
Elizabethtown Landfill	Elizabethtown	COLUMN TO THE PARTY OF THE PART
Fischer & Porter Co	Warminster	and the same of th
Havertown PCP	Haverford	
Hebelka Auto Salvage Yard	Weisenberg Township North Whitehall Township	
Heleva Landfill Hellertown Manufacturing Co	Hellertown	
	Upper Merion Township	
Henderson Road Hranica Landfill	Buffalo Township	
Hunterstown Road	Straban Township	
Industrial Lane		
Jacks Creek/Sitkin Smelting & Refining, Inc	Maitland	
Keystone Santation Landfill	The state of the s	
Kimberton Site	Kimberton Borough	
Lackawanna Refuse		
Lindane Dump		
Lord-Shope Landfill	Girard Township	
Malvern TCE	Malvern	
McAdoo Associates	McAdoo Borough	
Metal Banks	Philadelphia	
Metropolitan Mirror and Glass Co., Inc.	Frackville	Contract to the contract to th
Middletown Air Field	Middletown:	MONTH CONTRACTOR OF THE PARTY O
Mill Creek Dump.	Erie	**************************************
Modern Sanitation Landfill	Lower Windsor Township	ATTENDED TO STATE OF THE PARTY
Moyers Landfill	Lagleville	
MW Manufacturing (once listed as Domino Salvage Yard)	Valley Township Souderton	
North Penn—Area 12 (once listed as Transicoll, Inc.)	Worcester	
North Penn-Area 2 (once listed as Ametek, Inc. (Hunter Hatfield Spring Division))	Hatfield	
North Penn—Area 5 (once listed as American Electronics Laboratories)	Montgomery Township	
North Penn—Area 6 (once listed as J.W. Rex Co./Allied Paint Manufacturing Co., Inc. Keystone Hydraulics). North Penn—Area 7 (once listed as Spra-Fin, Inc.)		ATTACABLE DESCRIPTION OF THE PERSON OF THE P

State and site name	City/county	Notes
Novak Sanitary Landfill	South Whitehall Township	A SIFE
Occidental Chemical Corp./Firestone Tire & Rubber Co	Lower Pottsgrove Township	
Ohio River Park	Neville Island	
Old City of York Landfill	Seven Valleys	THE PERSON NAMED IN
Osborne Landfill	Grove City	THE REAL PROPERTY.
Palmerton Zinc Pile	Palmerton	
Paoli Rail Yard	Paoli	
Publicker Industries Inc	Philadelphia	
Raymark	Hatboro	
Recticon/Allied Steel Corp	East Coventry Township	
Resin Disposal	Jefferson Borough	
Revere Chemical Co	Nockamixon Township	
Rodale Manufacturing Co., Inc.	Hermitage	
Route 940 Drum Dump (once listed as Pocono Summit)	Emmaus Borough	
Saegerlown Industrial Area	Pocono Summit Saegertown	
Shriver's Corner	Straban Township	
Stanley Kessler	King of Prussia	
Strasburg Landfill	Newlin Township.	
Taylor Borough Dump	Taylor Borough	
Tonolli Corp.	Nesquehoning	
Tysons Dump.	Upper Merion Township	
Walsh Landfill	Honeybrook Township	
Westinghouse Electric Corp. (Sharon Plant)	Sharon	THE PERSON NAMED IN
Westinghouse Elevator Co. Plant	Gettysburg	
Whitmoyer Laboratories	Jackson Township	
William Dick Lagoons	West Caln Township	
York County Solid Waste and Refuse Authority Landfill	Hopewell Township	
ruerto Rico:		
Barceloneta Landfill	Florida Afuera	
Fibers Public Supply Wells.	Jobos	
Frontera Creek	Rio Abajo	
GE Wiring Devices	Juana Diaz	
Juncos Landfill	Juncos	
RCA Del Caribe	Barceloneta	(1414)
Vega Alta Public Supply Wells	Barceloneta	
hode Island:	Vega Alta	
Central Landfill	Inhesten	100
Davis (GSR) Landfill	Johnston Glocester	
Davis Liquid Waste	Smithfield	
Landfill & Resource Recovery, Inc. (L&RR)	North Smithfield	
Peterson/Puritan, Inc	Lincoln/Cumberland	
Picillo Farm	Coventry	
Rose Hill Regional Landfill	South Kingston	3
Stamina Mills, Inc. (once listed as Forestdale-Stamina Mills, Inc.)	North Smithfield	
West Kingston Town Dump/URI Disposal Area	South Kingstown	THE PARTY OF
Western Sand & Gravel	Burnitiville	
outh Carolina:		
Beaunit Corp. (Circular Knit & Dyeing Plant)	Fountain Inn	
Carolawn, Inc.	Fort Lawn	
Elmore Waste Disposal	Greer	-
Geiger (C & M Oil)	Rantoules	
Golden Strip Septic Tank Service	Simpsonville	
Helena Chemical Co. Landfill	Fairfax	
Independent Nail Co	Beaufort	C
Kalama Specialty Chemicals Koppers Co., Inc. (Florence Plant)	Beaufort	
Leonard Chemical Co., Inc.	Florence	-
Lexington County Landfill Area	Rock Hill.	
Medley Farm Drum Dump	Cayce	
Palmetto Recycling, Inc	Gatfney	
Palmetto Wood Preserving	Columbia Dixiana	
Para-Chem Southern, Inc	Simpsonville	
Rochester Property	Travelers Rest	-
Rock Hill Chemical Co.*	Rock Hill	
Sangamo Weston, Inc./Twelve-Mile Creek/Lake Hartwell PCB Contamination	Pickens	
SCRDI Bluff Road	Columbia	S
SCRDI Dixiana	Cayce	
Townsend Saw Chain Co	Pontiac	
Wamchem, Inc.	Burton	
buth Dakota:		-
Whitewood Creek	Whitewood	C.S
Williams Pipe Line Co. Disposal Pit	Sioux Falls	
ennessee:		
American Creosote Works, Inc. (Jackson Plant) (once listed as American Creosote	Jackson	
Works).		The state of the s
Amnicola Dump	Chattanooga	
Arlington Blending & Packaging	Arlington	****
Carrier Air Conditioning Co	Collierville	

TABLE 1.—GENERAL SUPERFUND SECTION, OCTOBER 1992—Continued

State and site name , -	City/county	Notes
Gallaway Pits	Gallaway	
Lewisburg Dump.	Lewisburg	
Mallory Capacitor Co	Waynesboro	
Murray-Ohio Dump	Lawrenceburg	
North Hollywood Dump	Memphis	
Velsicol Chemical Corp. (Hardeman County)	Toone	AND THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS
Wrigley Charcoal Plant	Wrigley	
	Migo,	
xas:	Bridge City	A
Bailey Waste Disposal	Grand Prairie	
Bio-Ecology Systems, Inc.	Friendswood	
Brio Refining, Inc. Crystal Chemical Co.	Houston	
Crystal Chemical Co	Crystal City	
Crystal City Airport	Friendswood	
Dixie Oil Processors, Inc.	Crosby	
French, Ltd.	Houston	
Geneva Industries/Fuhrmann Energy	Highlands	
Highlands Acid Pit	Texarkana	CONTRACTOR OF THE PROPERTY OF
Koppers Co., Inc. (Texarkana Plant)		
Motco, Inc	La Marque	
North Cavalcade Street	Odessa	
Odessa Chromium #1		
Odessa Chromium #2 (Andrews Highway)	Odessa	The state of the s
Pesses Chemical Co.	Fort Worth	
Petro-Chemical Systems, Inc. (Turtle Bayou)	Liberty County	
Sheridan Disposal Services	Hempstead	
Sikes Disposal Pits		Market Committee
Sol Lynn/Industrial Transformers	Houston	
South Cavalcade Street	Houston	The same of the sa
Stewco, Inc	Waskom	
Tex-Tin Corp	Texas City	
Texarkana Wood Preserving Co	Texarkana	
Triangle Chemical Co	Bridge City	
United Creosoting Co	Conroe	
ah:	CAR AT THE RESERVE OF THE PARTY	
Midvale Slag	Midvale	
Monticello Radioactively Contaminated Properties	Monticello	
Petrochem Recycling Corp./Ekotek, Inc	Salt Lake City	
Portland Cement (Kiln Dust 2 & 3)	Salt Lake City	
Rose Park Sludge Pit.	Saft Lake City	
Sharon Steel Corp. (Midvale Tailings) (once listed as Sharon Steel Corp. (Midvale	Midvale	
Plant)).		Company of the State of the
Utah Power & Light/American Barrel Co	Salt Lake City	
Wasatch Chemical Co. (Lot 6)	Salt Lake City	
rginia:		
Abex Corp	Portsmouth	
Arrowhead Associates/Scovill Corp	Montross	
Atlantic Wood Industries, Inc.	Portsmouth	
Avtex Fibers, Inc	Front Royal	
Buckingham County Landfill (once listed as Love's Container Service Landfill)	Buckingham	
C & R Battery Co., Inc.	Chesterfield County	
Chisman Creek	York County	
Culpeper Wood Preservers, Inc	Culpeper	The second secon
Dinie Caverns County Landfill	Salem	
First Piedmont Corp. Rock Quarry (Route 719) (once listed as First Piedmont Corp.	Pittsylvania County	
Rock Quarry).		TANK TO STATE
Greenwood Chemical Co	Newtown	
H & H Inc., Burn Pit	Farrington	
LA Clarke & Son	Spotsylvania County	
Rentokil, Inc. (Virginia Wood Preserving Division)	Richmond	
Rhinehart Tire Fire Dump	Frederick County	
Saltville Waste Disposal Ponds	Saltville	
Saunders Supply Co	. Chuckatuck	
Suffolk City Landfill	_ Suffolk	C
U.S. Titanium	Piney River	
ermont:		
Bennington Municipal Sanitary Landfill	Bennington	
BFI Sanitary Landfill (Rockingham)	Rockingham	
Burgess Brothers Landfill	Woodford	
Darling Hill Dump	Lyndon	
Old Springfield Landfill	Springfield	
Parker Sanitary Landfill	Lyndon	
Pine Street Canal	Burlington	
Tansitor Electronics, Inc.	Bennington	The state of the s
ashington:		195 W. P. B. W. L. W.
ALCOA (Vancouver Smelter)	Vancouver	
American Crossarm & Conduit Co	Chehalis	
American Crossarm & Conduit Co	Tacoma	
Centralia Municipal Landfill	Centralia	The second secon
Colbert Landfill	Colbert	
		ALTERNATION OF THE PARTY OF THE

State and site name	City/county	Notes
Commencement Bay, South Tacoma Channel	Tacoma	
FMC Corp. (Yakima Pit)		
Frontier Hard Chrome, Inc		
General Electric Co. (Spokane Shop)		
Greenacres Landfill		
Harbor Island (Lead)		
Hidden Valley Landfill (Thun Field)		
Kaiser Aluminum Mead Works		
Lakewood Site	Lakewood	C
Mica Landfill	Mica	
Midway Landfill	Kent	MATERIAL PROPERTY AND ADDRESS OF THE PARTY AND
Moses Lake Wellfield Contamination		000000000000000000000000000000000000000
North Market Street (once listed as Tosco Corp. (Spokane Terminal))	Spokane	
Northside Landfill		72.333335WAP933
Northwest Transformer	Everson	502707000000000000000000000000000000000
Northwest Transformer (South Harkness Street)		
Old Inland Pit		
Pacific Car & Foundry Co	Renton	0077757000000000
Pasco Sanitary Landfill		CONTRACTOR OF THE PARTY OF THE
Pesticide Lab (Yakima)		
Queen City Farms		
Seattle Municipal Landfill (Kent Highlands)		CARLO CALLON CAL
Silver Mountain Mine		THE RESERVE OF THE PARTY OF THE
Vancouver Water Station #4 Contamination	A CONTRACTOR OF THE PROPERTY O	
Western Processing Co., Inc.		Committee of the commit
Wyckoff Co./Eagle Harbor		
Yakima Plating Cosconsin:	- Akillig	
	Algoma	
Algoma Municipal Landfill		
City Disposal Corp. Landfill		
Delavan Municipal Well #4		The second secon
Eau Claire Municipal Well Field		200
Fadrowski Drum Disposal Hagen Farm		
Hechimovich Sanitary Landfill	Williamstown	
Hunts Disposal Landfill		
Janesville Ash Beds	Janesville	CACCOCCA AND AND AND AND AND AND AND AND AND AN
Janesville Old Landfill	Janesville	CORAL CONTRACT
Kohler Co. Landfill		TO A STATE OF THE PARTY OF THE
Lauer I Sanitary Landfill.	Menomonee Falls	
Lemberger Landfill, Inc. (once listed as Lemberger Fly Ash Landfill)		CONTROL OF THE PARTY OF THE PAR
Lemberger Transport & Recycling		
Madison Metropolitan Sewerage District Lagoons		
Master Disposal Service Landfill		
Mid-State Disposal, Inc. Landfill		
Moss-American (Kerr-McGee Oil Co.)		
Muskego Sanitary Landfill		
N.W. Mauthe Co., Inc		
National Presto Industries, Inc		Control of the last of the las
Northern Engraving Co.		
Oconomowoc Electroplating Co. Inc.		
Omega Hills North Landfill		
Onalaska Municipal Landfill	Onalaska	
Refuse Hideaway Landfill	Middleton	
Sauk County Landfill	Excelsior	
Schmalz Dump	Harrison	
Scrap Processing Co., Inc		
Sheboygan Harbor & River		MANUAL PROPERTY AND ADDRESS OF THE PARTY AND A
Spickler Landfill		2.50 kg 20 k
Stoughton City Landfill		00000779-000000
Tomah Armory		4.5572.570.0001752. 4 0
Tomah Fairgrounds		
Tomah Municipal Sanitary Landfill		
Waste Management of Wisconsin, Inc. (Brookfield Sanitary Landfill)		
Waste Research & Reclamation Co		
Wausau Ground Water Contamination	Wausau	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT
Wheeler Pit	Le Prairie Township	ALTER MANAGEMENT
est Virginia:		
Fike Chemical, Inc.	Nitro	
Follansbee Site		
Leetown Pesticide	Leetown	
Ordnance Works Disposal Areas	Morgantown	The second secon
Control of the Contro		
West Virginia Ordnance		
West Virginia Ordnance		CONTRACTOR OF THE PARTY OF THE
West Virginia Ordnanceorning: Baxter/Union Pacific Tie Treating		

Note: 1,085 Total Sites. C=Construction Completion category.

H= Based on issuance of health advisory (if scored, HRS score need not be 28.50 or greater). S= State top priority (if scored, HRS score need not be 28.50 or greater).

State and Site Name	City/County	N
laska:	Company of the State of the	100
Eielson Air Force Base	Fairbanks N Star Borough	
Elmendorf Air Force Base	Greater Anchorage Borough	
Fort Wainwright	Faribanks N Star Borough	
Standard Steel & Metals Salvage Yard (USDOT)	Anchorage	
abama:		
Alabama Army Ammunition Plant	Childersburg	
Anniston Army Depot (Southeast Industrial Area)	Anniston	
rizona:		-
Luke Air Force Base.	Glendale	
Williams Air Force Base	Chandler	
Yuma Marine Corps Air Station.	Yuma	
alifornia:	Davidavi	200
Barstow Marine Corps Logistics Base	Barstow	
Camp Pendleton Marine Corps Base	San Diego County	
Castle Air Force Base	Kern County	
Edwards Air Force Base	El Toro	110000000000000000000000000000000000000
El Toro Marine Corps Air Station	Marina	
Fort Ord	Victorville	
George Air Force Base	Pasadena	ALL STREET, ST
Jet Propulsion Laboratory (NASA). Lawrence Livermore National Laboratory (USDOE).		
Lawrence Divermore National Laboratory (USDOE)	Livermore	
Lawrence Livermore National Laboratory (Site 300) (USDOE).	Livermore	
March Air Force Base	Riverside	
Mather Air Force Base (once listed as Mather Air Force Base (AC&W Disposal Site))	Sacramento	
McClellan Air Force Base (Ground Water Contamination)	Sacramento	
Moffett Naval Air Station	Sunnyvale	
Norton Air Force Base	San Bernardino	
Riverbank Army Ammunition Plant	Riverbank	
Sacramento Army Depot.	Sacramento	
Sharpe Army Depot	Lathrop	
Tracy Defense Depot	Tracy	
Travis Air Force Base	Solano County	
Treasure Island Naval Station—Hunters Point Annex	San Francisco	
olorado:	Waterland	
Air Force Plant PJKS	Waterton	
Rocky Flats Plant (USDOE)	Golden	
Rocky Mountain Arsenal	Adams County	
onnecticut: New London Submarine Base	New London	
elaware: Dover Air Force Base	Dover	***************************************
orida:		1
Cecil Field Naval Air Station	Jacksonville	Fall Control of Control
Homestead Air Force Base	Homestead	ALL PROPERTY OF THE PARTY OF TH
Jacksonville Naval Air Station	Jacksonville	
Pensacola Naval Air Station	Pensacola	
eorgia:	America	A DECEMBER OF
Marine Corps Logistics Base	Albany	
Robins Air Force Base (Landfill #4/Sludge Lagoon) (once listed as Robins Air Force	Houston County	
Base).	Was a second and a second a second and a second a second and a second a second and a second and a second and	
uam: Andersen Air Force Base	Yigo	answer of
awaii:	a service and the service and	7 1 4 10
Pearl Harbor Naval Complex	Pearl Harbor	
Schofield Barracks	Oahu	
wa: Iowa Army Ammunition Plant	Middletown	-
aho:	Maria Palla	The state of the s
Idaho National Engineering Laboratory (USDOE)	Idaho Falls	-
Mountain Home Air Force Base	Mountain Home	-
nois:	The state of the s	100
Joliet Army Ammunition Plant (Load-Assembly-Packing Area)	Joliet	
Joliet Army Ammunition Plant (Manufacturing Area)	Joliet	
Sangamo Electric Dump/Crab Orchard National Wildlife Refuge (USDOI)	Carterville	
Savanna Army Depot Activity	Savanna	Contract to A
ansas: Fort Riley	Junction City	
ouisiana: Louisiana Army Ammunition Plant	Doyline.	
assachusetts:	The second secon	THE PARTY OF
Fort Devens	Fort Devens	
Fort Devens—Sudbury Training Annex	Middlesex County	
Otis Air National Guard Base/Camp Edwards	Falmouth	
aryland:	AND THE RESIDENCE OF THE PARTY	THE THE
Aberdeen Proving Ground (Edgewood Area)	Edgewood	CONTRACTOR OF THE PARTY OF THE
Aberdeen Proving Ground (Michaelsville Landfill)	Aberdeen	
aine:		
Brunswick Naval Air Station.	Brunswick	HILL CONTRACTOR OF THE PARTY OF
Loring Air Force Base	Limestone	
innesota:	The state of the s	-

TABLE 2—FEDERAL FACILITIES SECTION, OCTOBER 1992—Continued

State and Site Name	City/County	Notes
issouri		
Lake City Army Ammunition Plant (Northwest Lagoon)	Independence	
Weldon Spring Quarry/Plant/Pits (USDOE/Army) (once listed as Weldon Spring Quarry (USDOE/Army)).	St. Charles County	
Weldon Spring Former Army Ordnance Works	St Charles County	
orth Carolina: Camp Lejeune Military Reservation (once listed as Camp Lejeune Marine	Onslow County	
Corps Base).	number of	
ebraska: Cornhusker Army Ammunition Plant	Hall County	
ew Hampshire Pease Air Force Base	Portsmouth/Newington	
Federal Aviation Administration Technical Center	Atlantic County	
Fort Dix (Landfill Site)	Pemberton Township.	
Naval Air Engineering Center	Lakehurst	
Naval Weaports Station Earle (Site A) Piscatinny Arsenal	Colts Neck	
W.R. Grace & Co., Inc./Wayne Interim Storage Site (USDOE) (once listed as W.R.	Rockaway Township	
Grace & Co., Inc. (Wayne Plant)).	114)14 151115	
ew Mexico:		
Cal West Metals (USSBA)	Lemitar	
Lee Acres Landfill (USDOI)	- Farmington	
Brookhaven National Laboratory (USDOE)	Upton	
Griffiss Air Force Base	Rome	
Plattsburgh Air Force Base	Plattsburgh	
Seneca Army Depot	Romulus	
io: Feed Materials Production Center (USDOE)	Formald	
Mound Plant (USDOE)	Fernald Miamisburg	
Wright-Patterson Air Force Base	Dayton	
dahoma: Tinker Air Force Base (Soldier Creek/Building 3001)	Oklahoma City	
egon: Umatilla Army Depot (Lagoons).	Hermiston	
nnsylvania: Letterkenny Army Depot (Property Disposal Office Area)	Franklin County	
Letterkenny Army Depot (Froperty Disposal Office Area)	Franklin County Chambersburg	
Naval Air Development Center (8 Waste Areas)	Warminster Township	
Tobyhanna Army Depot	Tobyhanna	
erto Rico: Naval Security Group Activity	Sabana Seca	
lode Island: Davisville Naval Construction Battalion Center	North Kingston	
Newport Naval Education & Training Center	North Kingston	
uth Carolina: Savannah River Site (USDOE)	Aiken	
uth Dakota: Ellsworth Air Force Base	Rapid City	
nnessee:	Manager	
Memphis Defense Depot	Memphis	
Oak Ridge Reservation (USDOE)	Oak Ridge	
xas:		
Air Force Plant #4 (General Dynamics)	Fort Worth	1
Lone Star Army Ammunition Plant Longhorn Army Ammunition Plant	Texarkana	
ah:	Karnack	
Hill Air Force Base	Ogden	
Monticello Mill Tailings (USDOE)	Monticello	
Ogden Defense Depot.	Ogden	
Tooele Army Depot (North Area)	Tooele	
Defense General Supply Center	Chesterfield County	
Naval Surface Warfare Center—Dahlgren	Dahlgren	
Naval Weapons Station—Yorktown	Yorktown	
ashington:		
Bangor Naval Submarine Base	Silverdale	
Bangor Ordnance Disposal	*Bremerton	
Fairchild Air Force Base (4 Waste Areas)	Vancouver Spokane County.	
Fort Lewis (Landfill No. 5)	Tacoma	
Fort Lewis Logistics Center	Tillicum	
Hamilton Island Landfill (USA/COE)	North Bonneville	
Hanford 100-Area (USDOE)	Benton County	
Hanford 1100-Area (USDOE)	Benton County	
Hanford 300-Area (USDOE)	Benton County	
McChord Air Force Base (Wash Rack/Treatment Area)	Tocoma	
Naval Air Station, Whidbey Island (Ault Field)	Whidbey Island	
Naval Air Station, Whidbey Island (Seaplane Base)	Whidbey Island	
	Keyport	

Note: 123 Total Sites.

 $\begin{array}{l} C = \text{Completion category.} \\ \text{H} = \text{Based on issuance of health advisory (if scored, HRS score need not be 28.50 or greater).} \\ \text{S} = \text{State top priority (if scored, HRS score need not be 28.50 or greater).} \end{array}$

[FR Doc. 92-24893 Filed 10-13-92; 8:45 am]

BILLING CODE 6560-50-M

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 300

[FRL-4521-2]

National Priorities List for Uncontrolled Hazardous Waste Sites, Proposed Rule No. 13

AGENCY: Environmental Protection Agency.

ACTION: Proposed rule.

SUMMARY: The Comprehensive
Environmental Response,
Compensation, and Liability Act of 1980
("CERCLA" or "the Act"), as amended,
requires that the National Oil and
Hazardous Substances Pollution
Contingency Plan ("NCP") include a list
of national priorities among the known
releases or threatened releases of
hazardous substances, pollutants, or
contaminants throughout the United
States. The National Priorities List
("NPL") constitutes this list.

The Environmental Protection Agency "EPA") proposes to add new sites to the NPL. This 13th proposed revision to the NPL includes eight sites in the General Superfund Section and one in the Federal Facilities Section. In addition, one final site is proposed for expansion. The identification of a site for the NPL is intended primarily to guide EPA in determining which sites warrant further investigation to assess the nature and extent of public health and environmental risks associated with the site and to determine what CERCLAfinanced remedial action(s), if any, may be appropriate. This action and a final rule published elsewhere in this Federal Register result in an NPL of 1,208 sites. 1,085 of them in the General Superfund Section and 123 in the Federal Facilities Section. An additional 28 sites are proposed, 25 in the General Superfund Section and 3 in the Federal Facilities Section. Final and proposed sites now total 1,236.

DATES: Comments on the expansion of the Austin Avenue Radiation Site in Delaware County, PA, must be submitted on or before November 13, 1992. Comments on all other sites must be submitted on or before December 14, 1992.

ADDRESSES: Mail original and three copies of comments (no facsimiles) to Docket Coordinator, Headquarters; U.S. EPA CERCLA Docket Office; OS-245; Waterside Mall; 401 M Street SW.; Washington, DC 20460; 202/260-3046. For additional Docket addresses and further details on their contents, see

Section I of the "Supplementary Information" portion of this preamble.

FOR FURTHER INFORMATION CONTACT:
Martha Otto, Hazardous Site Evaluation
Division, Office of Emergency and
Remedial Response (OS-5204G), U.S.
Environmental Protection Agency, 401 M
Street, SW., Washington, DC 20460, or
the Superfund Hotline, Phone (800) 4249346 or (703) 920-9810 in the
Washington, DC, metropolitan area.

SUPPLEMENTARY INFORMATION:

I. Introduction.

II. Purpose and Implementation of the NPL.
III. Contents of This Proposed Rule.

IV. Regulatory Impact Analysis.
V. Regulatory Flexibility Act Analysis.

I. Introduction

Background

In 1980, Congress enacted the Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. 9601-9675 ("CERCLA" or "the Act") in response to the dangers of uncontrolled hazardous waste sites. CERCLA was amended on October 17. 1986, by the Superfund Amendments and Reauthorization Act ("SARA"). Public Law No. 99-499, stat. 1613 et seq. To implement CERCLA, the **Environmental Protection Agency** ["EPA" or "the Agency"] promulgated the revised National Oil and Hazardous Substances Pollution Contingency Plan ("NCP"), 40 CFR Part 300, on July 16, 1982 (47 FR 31180), pursuant to CERCLA section 105 and Executive Order 12316 (46 FR 42237, August 20, 1981). The NCP sets forth the guidelines and procedures needed to respond under CERCLA to releases and threatened releases of hazardous substances, pollutants, or contaminants. EPA has revised the NCP on several occasions, most recently on March 8, 1990 (55 FR 8666)

Section 105(a)(8)(A) of CERCLA requires that the NCP include "criteria for determining priorities among releases or threatened releases throughout the United States for the purpose of taking remedial action." As defined in CERCLA section 101(24), remedial action tends to be long-term in nature and involves response actions that are consistent with a permanent remedy for a release.

Mechanisms for determining priorities for possible remedial actions financed by the Trust Fund established under CERCLA (commonly referred to as the "Superfund") are included in the NCP at 40 CFR 300.425(c) (55 FR 8845, March 8, 1990). Under 40 CFR 300.425(c)(1), a site may be included on the NPL if it scores sufficiently high on the Hazard Ranking System ("HRS"), which is Appendix A of 40 CFR Part 300. On December 14,

1990 (55 FR 51532). EPA promulgated revisions to the HRS partly in response to CERCLA section 105(c), added by SARA. The revised HRS evaluates four pathways: ground water, surface water, soil exposure, and air. The HRS serves as a screening device to evaluate the relative potential of uncontrolled hazardous substances to pose a threat to human health or the environment. Those sites that score 28.50 or greater on the HRS are eligible for the NPL.

Under a second mechanism for adding sites to the NPL, each State may designate a single site as its top priority, regardless of the HRS score. This mechanism, provided by the NCP at 40 CFR 300.425[c](2), requires that, to the extent practicable, the NPL include within the 100 highest priorities, one facility designated by each state representing the greatest danger to public health, welfare, or the environment among known facilities in the State.

The third mechanism for listing, included in the NCP at 40 CFR 300.425(c)(3), allows certain sites to be listed whether or not they score above 28.50, if all of the following conditions are met:

- The Agency for Toxic Substances and Disease Registry (ATSDR) of the U.S. Public Health Service has issued a health advisory that recommends dissociation of individuals from the release.
- EPA determines that the release poses a significant threat to public health.
- EPA anticipates that it will be more cost-effective to use its remedial authority (available only at NPL sites) than to use its removal authority to respond to the release.

Based on these criteria, and pursuant to section 105(a)(8)(B) of CERCLA, as amended by SARA, EPA promulgates a list of national priorities among the known or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States. That list, which is Appendix B of 40 CFR part 300, is the National Priorities List ("NPL"). CERCLA section 105(a)(8)(B) defines the NPL as a list of "releases" and as a list of the highest priority "facilities." The discussion below may refer to the "releases or threatened releases" that are included on the NPL interchangeably as "releases," "facilities," or "sites." CERCLA section 105(a)(8)(B) also requires that the NPL be revised at least annually. A site may undergo CERCLAfinanced remedial action only after it is placed on the NPL, as provided in the NCP at 40 CFR 300.425(b)(1).

EPA promulgated an original NPL of 406 sites on September 8, 1983 (48 FR 40658). The NPL has been expanded since then, most recently on September 25, 1991 (56 FR 48438).

The NPL includes two sections, one of sites evaluated and cleaned up by EPA (the "General Superfund Section"), and one of sites being addressed by other Federal agencies (the "Federal Facilities Section"). Under Executive Order 12580 and CERCLA section 120, each Federal agency is responsible for carrying out most response actions at facilities under its own jurisdiction, custody, or control, although EPA is responsible for preparing an HRS score and determining if the facility is placed on the NPL. RPA is not the lead agency at these sites, and its role at such sites is accordingly less extensive than at other sites. The Federal Facilities Section includes those facilities at which EPA is not the lead agency.

Deletions/Cleanups

EPA may delete sites from the NPL where no further response is appropriate, as explained in the NCP at 40 CFR 300.425(e) (55 FR 8845, March 8. 1990). To date, the Agency has deleted 44 sites from the General Superfund Section of the NPL, most recently 4 sites published elsewhere in this Federal

Register.

EPA is developing the NPL completions list to better show the successful completion of Superfund response action at present or former NPL sites and enhance public understanding of the status of cleanup progress at sites. Sites are organized into three categories: construction completion, site completion, and NPL deletion. A site will move over time from completion of physical construction (construction completion) to achievement of remedial action objectives specified in the ROD (site completion) to deletion (being formally removed from the NPL). Thus, the NPL completions list provides a "snapshot" of site cleanup status that will need to be periodically updated to reflect newly categorized sites, and sites moving from one category to the next. More details on the completions list will be published shortly in the Federal Register.

In addition to the 44 RM 10/9/92 sites that have been deleted from the NPL, 105 sites are in the construction or site completion categories, all but one from the General Superfund Section. Thus, as of September 30, 1992, a total of 149 NPL

sites have been cleaned up.

Cleanups at sites on the NPL do not reflect the total picture of Superfund accomplishments. As of August 31, 1992, EPA had conducted 2,349 removal

actions, 557 of them at NPL sites. Information on removals is available from the Superfund hotline.

Pursuant to the NCP at 40 CFR 300.425(c), this document proposes to add 9 sites to the NPL. In addition, EPA is proposing to expand one site to include additional contaminated areas. The General Superfund Section includes 1,085 sites, and the Federal Facilities Section includes 123 sites, for a total of 1,208 sites on the NPL. Final and proposed sites now total 1,236.

Public Comment Period

The documents that form the basis for EPA's evaluation and scoring of sites in this rule are contained in dockets located both at EPA Headquarters and in the appropriate Regional offices. The dockets are available for viewing, by appointment only, after the appearance of this rule. The hours of operation for the Headquarters docket are from 9:00 a.m. to 4:00 p.m., Monday through Friday excluding Federal holidays. Please contact individual Regional dockets for

Docket Coordinator, Headquarters, U.S. EPA CERCLA Docket Office, OS-245, Waterside Mall, 401 M Street, SW., Washington, DC 20460, 202/260-3046.

Evo Cunha, Region 1, U.S. EPA Waste Management Records Center, HES-CAN 6, J.F. Kennedy Federal Building, Boston, MA 02203-2211, 617/573-5729.

Ben Conetta, Region 2, 26 Federal Plaza, 7th Floor, Room 740, New York, NY 10278, 212/

Diane McCreary, Region 3, U.S. EPA Library, 3rd Floor, 841 Chestnut Building, 9th & Chestnut Streets, Philadelphia, PA 19107,

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Lisa Nelson, Region 9, U.S. EPA, 75 Hawthorne Street, San Francisco, CA 94105, 415/744-2347

David Bennett, Region 10, U.S. EPA. 11th Floor, 1200 6th Avenue, Mail Stop HW-114, Seattle, WA 98101, 206/553-2103.

The Headquarters docket for this rule contains HRS score sheets for each proposed site; a Documentation Record for each site describing the information used to compute the score; pertinent information for any site affected by statutory requirements or EPA listing

policies; and a list of documents referenced in the Documentation Record. Each Regional docket for this rule contains all of the information in the Headquarters docket for sites in that Region, plus the actual reference documents containing the data principally relied upon and cited by EPA in calculating or evaluating the HRS scores for sites in that Region. These reference documents are available only in the Regional dockets. Interested parties may view documents, by appointment only, in the Headquarters or the appropriate Regional docket or copies may be requested from the Headquarters or appropriate Regional docket. An informal written request, rather than a formal request under the Freedom of Information Act, should be the ordinary procedure for obtaining copies of any of these documents.

EPA considers all comments received during the comment period. During the comment period, comments are placed in the Headquarters docket and are available to the public on an "as received" basis. A complete set of comments will be available for viewing in the Regional docket approximately one week after the formal comment period closes. Comments received after the comment period closes will be available in the Headquarters docket and in the Regional docket on an "as received" basis.

Comments that include complex or voluminous reports, or materials prepared for purposes other than HRS scoring, should point out the specific information that EPA should consider and how it affects individual HRS factor values. See Northside Sanitary Landfill v. Thomas, 849 F. 2d 1516 [D.C. Cir. 1988). After considering the relevant comments received during the comment period, EPA will add sites to the NPL if they meet requirements set out in CERCLA, the NCP, and any applicable listing policies.

In past rules, EPA has attempted to respond to late comments, or when that was not practicable, to read all late comments and address those that brought to the Agency's attention a fundamental error in the scoring of a site. (See, most recently 57 FR 4824 (February 7, 1992)). Although EPA intends to pursue the same policy with sites in this rule, EPA can guarantee that it will consider only those comments postmarked by the close of the formal comment period. EPA cannot delay a final listing decision solely to accommodate consideration of late

II. Purpose and Implementation of the NPL

Purpose

The legislative history of CERCLA (Report of the Committee on Environment and Public Works, Senate Report No. 96–848, 96th Cong., 2d Sess. 60 (1980)) states the primary purpose of the NPL:

The priority lists serve primarily informational purposes, identifying for the States and the public those facilities and sites or other releases which appear to warrant remedial actions. Inclusion of a facility or site on the list does not in itself reflect a judgment of the activities of its owner or operator, it does not require those persons to undertake any action, nor does it assign liability to any person. Subsequent government action in the form of remedial actions or enforcement actions will be necessary in order to do so, and these actions will be attended by all appropriate procedural safeguards.

The purpose of the NPL, therefore, is primarily to serve as an informational and management tool. The identification of a site for the NPL is intended primarily to guide EPA in determining which sites warrant further investigation to assess the nature and extent of the public health and environmental risks associated with the site and to determine what CERCLA-financed remedial action(s), if any, may be appropriate. The NPL also serves to notify the public of sites that EPA believes warrant further investigation. Finally, listing a site may, to the extent potentially responsible parties are identifiable at the time of listing, serve as notice to such parties that the Agency may initiate CERCLA-financed remedial action.

Implementation

After initial discovery of a site at which a release or threatened release may exist, EPA begins a series of increasingly complex evaluations. The first step, the Preliminary Assessment (PA), is a low-cost review of existing information to determine if the site poses a threat to public health or the environment. If the site presents a serious imminent threat, EPA may take immediate removal action. If the PA shows that the site presents a threat but not an imminent threat, EPA will generally perform a more extensive study called the Site Inspection (SI). The SI involves collecting additional information to better understand the extent of the problem at the site, screen out sites that will not qualify for the NPL, and obtain data necessary to calculate an HRS score for sites which warrant placement on the NPL and further study. EPA may reform removal actions at any time during the process.

To date EPA has completed approximately 33,000 PAs and approximately 16,000 SIs.

The NCP at 40 CFR 300.425(b)(1) (55 FR 8845, March 8, 1990) limits expenditure of the Trust Fund for remedial actions to sites on the NPL. However, EPA may take enforcement actions under CERCLA or other applicable statutes against responsible parties regardless of whether the site is on the NPL, although, as a practical matter, the focus of EPA's CERCLA enforcement actions has been and will continue to be on NPL sites. Similarly, in the case of CERCLA removal actions, EPA has the authority to act at any site. whether listed or not, that meets the criteria of the NCP at 40 CFR 300.415(b)(2) (55 FR 8842, March 8, 1990). EPA's policy is to pursue cleanup of NPL sites using all the appropriate response and/or enforcement actions available to the Agency, including authorities other than CERCLA. The Agency will decide on a site-by-site basis whether to take enforcement or other action under CERCLA or other authorities prior to undertaking response action, proceed directly with Trust Fund-financed response actions and seek to recover response costs after cleanup, or do both. To the extent feasible, once sites are on the NPL, EPA will determine highpriority candidates for CERCLAfinanced response action and/or enforcement action through both State and Federal initiatives. EPA will take into account which approach is more likely to accomplish cleanup of the site most expeditiously while using CERCLA's limited resources as efficiently as possible.

Although the ranking of sites by HRS scores is considered, it does not, by itself, determine the sequence in which EPA funds remedial response actions. since the information collected to develop HRS scores is not sufficient to determine either the extent of contamination or the appropriate response for a particular site (40 CFR 300.425(a)(2), 55 FR 8845, March 8, 1990). Additionally, resource constraints may preclude EPA from evaluating all HRS pathways; only those presenting significant risk or sufficient to make a site eligible for the NPL may be evaluated. Moreover, the sites with the highest scores do not necessarily come to the Agency's attention first, so that addressing sites strictly on the basis of ranking would in some cases require stopping work at sites where it was already underway.

More detailed studies of a site are undertaken in the Remedial Investigation/Feasibility Study (RI/FS) that typically follows listing. The purpose of the RI/FS is to assess site conditions and evaluate alternatives to the extent necessary to select a remedy (40 CFR 300.430(a)(2) (55 FR 8846, March 8, 1990)). It takes into account the amount of contaminants released into the environment, the risk to affected populations and environment, the cost to remediate contamination at the site, and the response actions that have been taken by potentially responsible parties or others. Decisions on the type and extent of response action to be taken at these sites are made in accordance with 40 CFR 300.415 [55 FR 8842, March 8, 1990) and 40 CFR 300.430 (55 FR 8846, March 8, 1990). After conducting these additional studies. EPA may conclude that initiating a CERCLA remedial action using the Trust Fund at some sites on the NPL is not appropriate because of more pressing needs at other sites, or because a private party cleanup is already underway pursuant to an enforcement action. Given the limited resources available in the Trust Fund, the Agency must carefully balance the relative needs for response at the numerous sites it has studied. It is also possible that EPA will conclude after further analysis that the site does not warrant remedial action.

RI/FS at Proposed Sites

An RI/FS may be performed at sites proposed in the Federal Register for placement on the NPL (or even sites that have not been proposed for placement on the NPL) pursuant to the Agency's removal authority under CERCLA, as outlined in the NCP at 40 CFR 300.415. Although an RI/FS generally is conducted at a site after it has been placed on the NPL, in a number of circumstances the Agency elects to conduct an RI/FS at a site proposed for placement on the NPL in preparation for a possible Trust Fund-financed remedial action, such as when the Agency believes that a delay may create unnecessary risks to public health or the environment. In addition, the Agency may conduct an RI/FS to assist in determining whether to conduct a removal or enforcement action at a site.

Facility (Site) Boundaries

The purpose of the NPL is merely to identify releases or threatened releases of hazardous substances that are priorities for further evaluation. The Agency believes that it would be neither feasible nor consistent with this limited purpose for the NPL to attempt to describe releases in precise geographical terms. The term "facility" is broadly defined in CERCLA to include any area where a hazardous substances

has "come to be located" (CERCLA section 101(9)), and the listing process is not intended to define or reflect boundaries of such facilities or releases. Site names are provided for general identification purposes only. Knowledge of the geographic extent of sites will be refined as more information is developed during the RI/FS and even during implementation of the remedy.

Because the NPL does not assign liability or define the geographic extent of a release, a listing need not be amended if further research into the contamination at a site reveals new information as to its extent. This is further explained in preambles to past NPL rules, most recently February 11, 1991 (56 FR 5598).

III. Contents of This Proposed Rule

Table 1 identifies the 8 NPL sites in the General Superfund Section and Table 2 identifies the 1 NPL site in the Federal Facilities Section being proposed in this rule. Both tables follow this preamble. All these sites are proposed based on HRS scores of 28.50 or above. The sites in Table 1 are listed alphabetically by State, for ease of identification, with group number identified to provide an indication of relative ranking. To determine group number, sites on the NPL are placed in groups of 50; for example, a site in Group 4 of this proposal has a score that falls within the range of scores covered by the fourth group of 50 sites on the General Superfund Section of the NPL Sites in the Federal Facilities Section are also presented by group number based on groups of 50 sites in the General Superfund Section. For further information, see the discussion on format of the NPL in the final rule published elsewhere in this Federal Register.

Statutory Requirements

CERCLA section 105(a)(8)(B) directs EPA to list priority sites "among" the known releases or threatened releases of hazardous substances, pollutants, or contaminants, and section 105(a)(8)(A) directs EPA to consider certain enumerated and "other appropriate" factors in doing so. Thus, as a matter of policy, EPA has the discretion not to use CERCLA to respond to certain types of releases. Where other authorities exist, placing sites on the NPL for possible remedial action under CERCLA may not be appropriate. Therefore, EPA has chosen not to place certain types of sites on the NPL even though CERCLA does not exclude such action. If, however, the Agency later determines that sites not listed as a matter of policy are not being

properly responded to, the Agency may place them on the NPL.

The listing policies and statutory requirements of relevance to this proposed rule cover sites subject to the Resource Conservation and Recovery Act (RCRA) (42 U.S.C. 6901–6991i) and Federal facility sites. These policies and requirements are explained below and have been explained in greater detail in previous rulemakings (56 FR 5598, February 11, 1991).

Releases From Resource Conservation and Recovery Act (RCRA) Sites

EPA's policy is that sites in the General Superfund Section subject to RCRA Subtitle C corrective action authorities will not, in general, be placed on the NPL. However, EPA will list certain categories of RCRA sites subject to Subtitle C corrective action authorities, as well as other sites subject to those authorities, if the Agency concludes that doing so best furthers the aims of the NPL/RCRA policy and the CERCLA program. EPA has explained these policies in detail in the past (51 FR 21054, June 10, 1986; 53 FR 23978, June 24, 1988; 54 FR 41000, October 4, 1989; 56 FR 5602, February 11, 1991).

Consistent with EPA's NPL/RCRA policy, EPA is proposing to add two sites to the General Superfund Section of the NPL that may be subject to RCRA Subtitle C corrective action authorities. One is the Spectron, Inc. site in Elkton, MD. Material has been placed in the public docket for the site confirming that the owner is bankrupt.

The second is the Rinchem, Co., Inc. site in Albuquerque, NM. Material has been placed in the document indicating it will be difficult to address this facility under RCRA corrective action authorities.

Releases from Federal Facility Sites

On March 13, 1989 (54 FR 10520), the Agency announced a policy for placing Federal facility sites on the NPL if they meet the eligibility criteria (e.g., an HRS score of 28.50 or greater), even if the Federal facility also is subject to the corrective action authorities of RCRA Subtitle C. In that way, those sites could be cleaned up under CERCLA, if appropriate.

This rule proposes to add one site to the Federal Facilities Section of the NPL.

Expansion of the Austin Avenue Radiation Site

The Austin Avenue Radiation site, Delaware County Pennsylvania, was proposed to the NPL on February 7, 1992 (57 FR 4824). At that time, specific areas were identified and enumerated as part of the site. EPA has identified additional contaminated areas not included in the original proposal. EPA is proposing at this time to include these additional contaminated areas and is listing these areas in the public docket for this rule. EPA will consider comments only on these additional areas, not on the areas previously identified, for which the comment period has ended.

IV. Regulatory Impact Analysis

The costs of cleanup actions that may be taken at sites are not directly attributable to placement on the NPL, as explained below. Therefore, the Agency has determined that this rulemaking is not a "major" regulation under Executive Order 12291. EPA has conducted a preliminary analysis of the economic implications of today's proposal to add new sites to the NPL. EPA believes that the kinds of economic effects associated with this proposed revision to the NPL are generally similar to those identified in the regulatory impact analysis (RIA) prepared in 1982 for revisions to the NCP pursuant to section 105 of CERCLA (47 FR 31180, July 16, 1982) and the economic analysis prepared when amendments to the NCP were proposed (50 FR 5882, February 12, 1985). This rule was submitted to the Office of Management and Budget for review as required by Executive Order 12291.

Costs

This proposed rulemaking is not a "major" regulation because it does not establish that EPA necessarily will undertake remedial action, nor does it require any action by a private party or determine any party's liability for site response costs. Costs that arise out of responses at sites in the General Superfund Section result from site-bysite decisions about what actions to take, not directly from the act of listing itself. Nonetheless, it is useful to consider the costs that may be associated with responding to all sites in this rule. The proposed listing of a site on the NPL may be followed by a search for potentially responsible parties and a Remedial Investigation/Feasibility Study (RI/FS) to determine if remedial actions will be undertaken at a site. Selection of a remedial alternative, and design and construction of that alternative, follow completion of the RI/ FS, and operation and maintenance (O&M) activities may continue after construction has been completed.

EPA initially bears costs associated with responsible party searches. Responsible parties may enter into consent orders or agreements to conduct or pay the costs of the RI/FS, remedial

design and remedial action, and O&M, or EPA and the States may share costs up front and subsequently bring an action for cost recovery.

The State's share of site cleanup costs for Trust Fund-financed actions is governed by CERCLA section 104(c). For privately-owned sites, as well as publicly-owned but not publiclyoperated sites, EPA will pay from the Trust Fund for 100% of the costs of the RI/FS and remedial planning, and 90% of the costs of the remedial action, leaving 10% to the State. For sites operated by a State or political subdivision, the State's share is at least 50% of all response costs at the site, including the cost associated with the RI/FS, remedial design, and construction and implementation of the remedial action selected. After construction of the remedy is complete. costs fall into two categories.

- For restoration of ground water and surface water, EPA will pay from the Trust Fund a share of the start-up costs according to the cost-allocation criteria in the previous paragraph for 10 years or until a sufficient level of protectiveness is achieved before the end of 10 years. 40 CFR 300.435(f)(3). After that, the State assumes all O&M costs. 40 CFR 300.435(f)(1).
- For other cleanups, EPA will pay from the Trust Fund a share of the costs of a remedy according to the costallocation criteria in the previous paragraph until it is operational and functional, which generally occurs after one year. 40 CFR 300.435(f)(2).
 300.510(c)(2). After that, the State assumes all O&M costs. 40 CFR
 300.510(c)(1).

In previous NPL rulemakings, the Agency estimated the costs associated with these activities (RI/FS, remedial design, remedial action, and O&M) on an average-per-site and total cost basis. EPA will continue with this approach, using the most recent (1988) cost estimates available; these estimates are presented below. However, costs for individual sites vary widely, depending on the amount, type, and extent of contamination. Additionally, EPA is unable to predict what portions of the total costs responsible parties will bear. since the distribution of costs depends on the extent of voluntary and negotiated response and the success of any cost-recovery actions.

Cost category	Average total cost per site ¹
RI/FS	1,300,000 1,500,000 # 25,000,000

Cost category	Average total cost par site!
Net present value of O&M 3	2 3,770,000

1 1988 U.S. Dollars.

Includes State cost-share.

Assumes cost of O&M over 30 years, \$400,000 for the first year and 10% discount rate.

Source: Office of Program Management, Office of Emergency and Remedial Response, U.S. EPA, Washington, DC.

Possible costs to States associated with today's proposed rule for Trust Fund-financed response action arise from the required State cost-share of: (1) for privately owned sites at which remedial action involving treatment to restore ground and surface water quality are undertaken, 10% of the cost of constructing the remedy, and 10% of the cost of operating the remedy for a period up to 10 years after the remedy becomes operational and functional; (2) for privately-owned sites at which other remedial actions are undertaken, 10% of the cost of all remedial action, and 10% of costs incurred within one year after remedial action is complete to ensure that the remedy is operational and functional; and (3) for sites publiclyoperated by a State or political subdivision at which response actions are undertaken, at least 50% of the cost of all response actions. States must assume the cost for O&M after EPA's participation ends. Using the assumptions developed in the 1982 RIA for the NCP, EPA has assumed that 90% of the non-Federal sites proposed for the NPL in this rule will be privately-owned and 10% will be State- or locallyoperated. Therefore, using the budget projections presented above, the cost to States of undertaking Federal remedial planning and actions at all non-Federal sites in today's proposed rule, but excluding O&M costs, would be approximately \$28 million. State O&M costs cannot be accurately determined because EPA, as noted above, will share costs for up to 10 years for restoration of ground water and surface water, and it is not known how many sites will require this treatment and for how long. However, based on past experience, EPA believes a reasonable estimate is that it will share start-up costs for up to 10 years at 25% of sites. Using this estimate, State O&M costs would be approximately \$25 million. As with the EPA share of costs, portions of the State share will be borne by responsible

Placing a hazardous waste site on the NPL does not itself cause firms responsible for the site to bear costs. Nonetheless, a listing may induce firms to clean up the sites voluntarily, or it

may act as a potential trigger for subsequent enforcement or costrecovery actions. Such actions may impose cost on firms, but the decisions to take such actions are discretionary and made on a case-by-case basis. Consequently, these effects cannot be precisely estimated. EPA does not believe that every site will be cleaned up by a responsible party. EPA cannot project at this time which firms or industry sectors will bear specific portions of the response costs, but the Agency considers: The volume and nature of the waste at the sites; the strength of the evidence linking the wastes at the site to the parties; the parties' ability to pay; and other factors when deciding whether and how to proceed against the parties.

Economy-wide effects of this proposed amendment to the NCP are aggregations of effects on firms and State and local governments. Although effects could be felt by some individual firms and States, the total impact of this proposal on output, prices, and employment is expected to be negligible at the national level, as was the case in the 1982 RIA.

Benefits

The real benefits associated with today's proposal to place additional sites on the NPL are increased health and environmental protection as a result of increased public awareness of potential hazards. In addition to the potential for more Federally-financed remedial actions, expansion of the NPL could accelerate privately-financed, voluntary cleanup efforts. Proposing sites as national priority targets also may give States increased support for funding responses at particular sites.

As a result of the additional CERCLA remedies, there will be lower human exposure to high-risk chemicals, and higher-quality surface water, ground water, soil, and air. These benefits are expected to be significant, although difficult to estimate before the RI/FS is completed at these sites.

V. Regulatory Flexibility Act Analysis

The Regulatory Flexibility Act of 1980 requires EPA to review the impacts of this action on small entities, or certify that the action will not have a significant impact on a substantial number of small entities. By small entities, the Act refers to small businesses, small government jurisdictions, and nonprofit organizations.

While this rule proposes to revise the NCP, it is not a typical regulatory change since it does not automatically

impose costs. As stated above, proposing sites to the NPL does not in itself require any action by any party, nor does it determine the liability of any party for the costs of cleanup at the site. Further, no identifiable groups are affected as a whole. As a consequence, impacts on any group are hard to predict. A site's proposed inclusion on the NPL could increase the likelihood of adverse impacts on responsible parties (in the form of cleanup costs), but at this time EPA cannot identify the potentially affected businesses or estimate the number of small businesses that might also be affected.

The Agency does expect that placing the sites in this proposed rule on the NPL could significantly affect certain industries, or firms within industries, that have caused a proportionately high percentage of waste site problems. However, EPA does not expect the listing of these sites to have a significant economic impact on a substantial number of small businesses.

In any case, economic impacts would occur only through enforcement and cost-recovery actions, which EPA takes at its discretion on a site-by-site basis. EPA considers many factors when determining enforcement actions, including not only the firm's contribution to the problem, but also its ability to pay.

The impacts (from cost recovery) on small governments and nonprofit

organizations would be determined on a similar case-by-case basis.

For the foregoing reasons, I hereby certify that this proposed rule would not have a significant economic impact on a substantial number of small entities. Therefore, this proposed regulation does not require a regulatory flexibility analysis.

List of Subjects in 40 CFR Part 300

Air pollution control, Chemicals, Hazardous materials, Intergovernmental relations, Natural resources, Oil pollution, Reporting and recordkeeping requirements, Superfund, Waste treatment and disposal, Water pollution control, Water supply.

NATIONAL PRIORITIES LIST PROPOSED RULE #13 GENERAL SUPERFUND SECTION

State	Site name	City/county City/county	NPL Gr 1
NE	Waterloo Coal Gasification Plant	Ogallala Bruno Albuquerque Albuquerque	1

Sites are placed in groups (Gr) corresponding to groups of 50 on the final NPL

Number of sites proposed for listing: 8.

NATIONAL PRIORITIES LIST PROPOSED RULE #13 FEDERAL FACILITIES SECTION

State	Site name	City/county	NPL Gr 1
AK	Naval Air Station Adak	Adak Island	4

¹ Sites are placed in groups (Gr) corresponding to groups of 50 on the final NPL.

Number of sites proposed for listing: 1.

Authority: 42 U.S.C. 9605; 42 U.S.C. 9620; 33 U.S.C. 1321(c)(2); E.O. 11735, 3 CFR, 1971–1975 Comp., p. 793; E.O. 12580, 3 CFR, 1987 Comp., p. 193.

Dated: October 5, 1992.

Don R. Clay,

Assistant Administrator, Office of Solid Waste and Emergency Response.

[FR Doc. 92-24894 Filed 10-13-92; 8:45 am]

BILLING CODE 6560-50-M